





ORDER NO. CRT 1107

CASSETTE CAR STEREO WITH FM/AM ELECTRONIC TUNER

KEH-8282TR ... KEH-6262TR ...

See the Service manual CX-166 (CRT1094) when servicing the cassette mechanism assy.

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1. SPECIFICATIONS

General
Power source 14.4 V DC (10.8 — 15.6 V allowable)
Grounding system Negative type
Max. current consumption 5.3 A
Dimensions (chassis) 180(W) × 50(H) × 140(D) mm
$[7-1/8(W) \times 2(H) \times 5-1/2(D) \text{ in.}]$
(nose)
$[4-1/8(W) \times 1-5/8(H) \times 1-3/8(D) \text{ in.}]$
Shaft interval
Weight 1.5 kg (3.3 lbs.)
Amplifier
Continuous power output is 11 W per channel min. into 4 ohms,
both channels driven 50 to 15,000 Hz with no more than 5% THD.
Maximum power output
Load impedance 4 Ω (4 – 8 Ω allowable)
Preout output level/Impedance 500 mV/1 kQ
Tone controls (superbass) fo
level +9 dB/+6 dB
(bass) ±10 dB (100 Hz)
(treble) ±10 dB (10 kHz)
Loudness contour +3 dB (100 Hz) (volume: -30 dB)
Tape player
Tape Compact cassette tape (C-30 — C-90)
Tape speed4.76 cm/sec. (+0.14 cm/sec., -0.05 cm/sec.)
Fast forward/rewind time Approx. 100 sec. for C-60
Wow & flutter 0.13% (WRMS)
Frequency response (KEH-8282TR) Metal: 50 — 17,000 Hz (±3 dB)
Normal: 50 — 14,000 Hz (±3 dB)
(KEH-6262TR) $50 - 14,000 \text{ Hz } (\pm 3 \text{ dB})$
Stereo separation
Signal-to-noise ratio (KEH-8282TR)
Dolby NR IN: 60 dB (IHF-A network)
Dolby NR OUT: 52 dB (IHF-A network)
(KEH-6262TR) 52 dB (IHF-A network)

FM tuner	
Frequency range	87.9 — 107.9 MHz
Usable sensitivity	
50 dB quieting sensitivity	. 17 dBf (1.9 μ V/75 Ω , mono)
Signal-to-noise ratio	70 dB (IHF-A network)
Distortion 0	.3% (at 65 dBf, 1 kHz, stereo)
Frequency response	
Stereo separation	40 dB (at 65 dBf, 1 kHz)
Selectivity	
AM tuner	
Frequency range	530 — 1,620 kHz
Usable sensitivity	18 µV (25 dB) (S/N: 20 dB)
Selectivity	50 dB (±10 kHz)
These specifications were determined ance with specification standards esta mittee of Car Stereo Manufacturers.	

Note:

Specifications and the design are subject to possible modification without notice due to improvements.

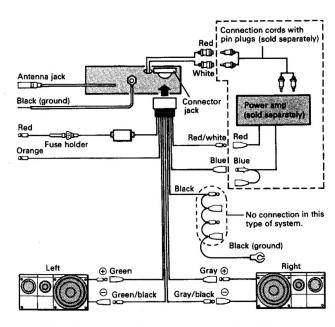
2. CONNECTIONS

Note:

- Be aware that connection is different between 2-speaker system and 4-speaker system. Failure to follow the wiring diagram may cause considerable loss of power even when fader control is at the center position.
- To avoid shorts in the electrical system, be sure to disconnect the battery
 cable before beginning installation.
- Replace fuses only with the types stipulated on the fuse holder.
- Be sure to properly connect the color coded leads. Failure to do so can cause malfunctions.
- Cover unused terminals with tape to prevent electrical shorts.
- Refer to the power amp owner's manual when connecting a power amp (sold separately) to the pin jack.
- Since a unique BPTL circuit is employed, never wire so the speaker leads are directly grounded or the left and right speaker ⊖ leads are common.
 When a blue lead (system control terminal) is present on the power amp,
- When a blue lead (system control terminal) is present on the power amp, connect this lead to the unit's blue lead, and do not connect the unit's red/white lead to anything. When the power amp does not have a blue lead (system control terminal), connect the unit's red/white lead to the power amp red lead.

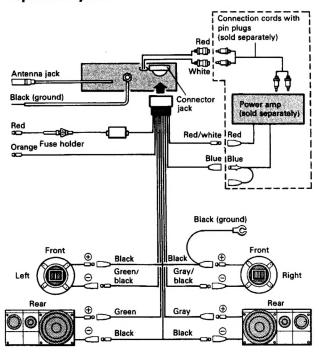
Black (ground) To vehicle (metal) body.		
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.	
Orange	To terminal always supplied with power regardless of ignition switch position.	
Blue	System control/Auto-antenna relay control terminal (Max. 300 mA 12 V DC).	
Red/White	When the power amp (sold separately) does not have a blue lead (system control terminal), connect the unit's red/white lead to the power amp red lead.	

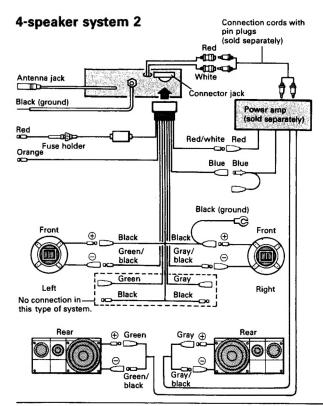
2-speaker high-power system



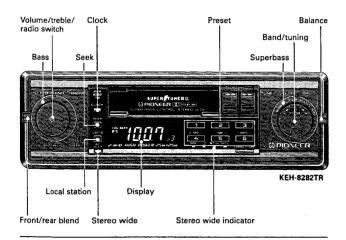
 Set the front/rear blend control to the left horizontal position for a 2-speaker high-power system. The front/rear blend control does not operate correctly when a power amp (sold separately) is connected to this system.

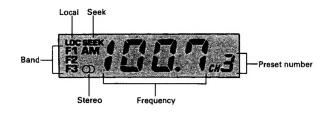
4-speaker system 1





3. USING THE RADIO





Before attempting operation...

- Reduce the volume by turning the volume control knob to the left.
- Set the front/rear blend control to the left horizontal.
- Press the radio switch to turn on power and display the frequency
- 2. Press the band switch to select the band.
- Press the seek button and the seek tuning indicator will be displayed.
- Turn the tuning knob to the left or right to tune in the desired frequency. (Turning to the right will increase the frequency.)
- 5. Adjust the volume and balance.
- Adjust the tone. To adjust the treble, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

To enter a frequency into the preset memory...

 Hold down one of the preset buttons (1 — 6) for approximately two seconds. The frequency is stored in memory (assigned to the preset button pressed) once the preset number stops flashing on the display.

Six FM1 frequencies, six FM2 frequencies, six FM3 frequencies and six AM frequencies can be entered.

Local Station Switch

Pressing this switch lowers the seek tuning reception sensitivity so that only stronger signals can be tuned in. This feature is convenient when driving through areas that have numerous radio stations. When this switch is depressed, the local indicator will be illuminated on the display.

Front/Rear Blend Control

This control is used to adjust the balance between the front and rear speakers when using a 4-speaker system. Rotating upwards progressively reduces mid and high frequencies from the rear speaker, while rotating downwards progressively reduces front speaker volume until, finally, sound is only being produced from the rear speaker. This control should be set to a horizontal position with a 2-speaker system.

Important

- Rotating the front/rear blend control upwards outs the mid and high frequencies
 from the rear speaker without change in low frequency. This is because front
 speaker diameter is smaller than that of the rear speaker, making it unsuitable
 for reproduction of low frequency sound. Therefore, undampened low frequencies are output from the rear speaker when the front/rear blend control is rotated to the front setting, enhancing front speaker low frequency.
- The front/rear blend control does not operate properly when a power amp (sold separately) is connected to a 2-speaker high-power system, for a 4-speaker effect.

Stereo Wide Switch

This switch is operational for FM stereo broadcast reception or when playing a prerecorded stereo tape. A press of this switch produces wide left/right stereo effect even in a small vehicle interior.

This switch should be set to OFF during reception of an FM monaural broadcast or when playing a prerecorded monaural tape.

Superbass Control

This knob is used to compensate very low frequencies (around 80Hz) which are susceptible to masking by road noise and engine noise. In the center position, this function is OFF, while rotating to the right boosts output by 9 dB and rotating to the left boosts output by 6 dB.

Boosting of the low frequencies may not be discernible even when the superbass control is adjusted if the program source does not contain frequency component in the vicinity of 80 Hz or when the small diameter speakers are being used.

Auto-Loudness

When playing back a tape or listening to the radio at low volume, the low tone is automatically emphasized.

Clock Switch

Each press causes the display to switch between clock and frequency.

Seek Tuning

Press the seek button, and tuning to the next higher or lower broadcast on the band can be accomplished automatically by simply turning the tuning knob to the left or right. FM frequencies change in 0.2 MHz steps while those in the AM band change in 10 kHz steps.

Preset Tuning

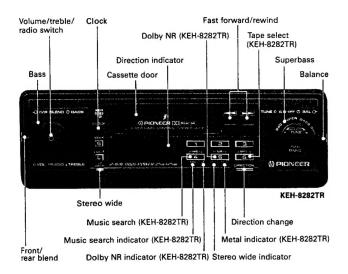
Pressing the preset button instantly tunes in the frequency programmed in the memory for that button.

Manual Tuning

When manual tuning is employed, FM frequencies change in 0.2 MHz steps while AM frequencies change in 10 kHz steps.

- Press the seek button and the seek tuning indicator will disappear from the display.
- Change the frequency by turning the tuning knob to the left or right. Turning the knob once will change the frequency one step (see above). Holding the tuning knob in either direction will successively change the frequency at the prescribed step.

4. USING THE TAPE DECK



• Before attempting operation...

- Reduce the volume by turning the volume control knob to the left.
- · Set the front/rear blend control to the left horizontal.
- 1. Insert a tape into the deck to turn the power on and automatically begin playback. Even if the radio is on, the unit will automatically switch to and begin tape playback.
- 2. Adjust the volume and balance.
- 3. Adjust the tone. To adjust the treble, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.
- 4. When tape playback reaches the end of the tape, playback will automatically switch from the side being played to the opposite side (ie. Side A to Side B or vice versa) (Auto-reverse). To eject the tape during playback, simultaneously press the fast forward and rewind buttons.
- Do not try to eject the cassette immediately after insertion, as it will cause mal-function. Wait a few seconds.
 KEH-6262TR

Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the tape in the unit can deform the pinch roller causing wow and flutter during tape

Fast Forward/Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons can be regarded as fast forward/ rewind buttons.

For fast forward, press the high-speed tape transport button that corresponds to the direction that is shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).

For rewind, press the button that is opposite that of the direction shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).

Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button.

Direction Change Button

This button is used to switch from one side of the tape to the other (from Side A to Side B or vice versa).

• Tape Select Switch (KEH-8282TR)

This switch is used to switch to the proper mode for the tape being used and should be depressed when using chrome or metal tapes.

Dolby NR Switch (KEH-8282TR)

Press when playing a tape recorded with Dolby NR.

Music Search (KEH-8282TR)

• Returning to the beginning of selection A

Press the music search button and then the high-speed tape transport button for the direction opposite that shown by the direction indicator. Playback will automatically start from the beginning of se-

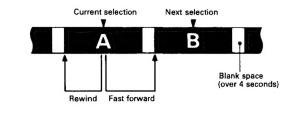
Moving from selection A to selection B

Press the music search button and then the high-speed tape transport button that corresponds to the direction shown by the direction indicator. Playback will automatically start from the beginning of selection B.

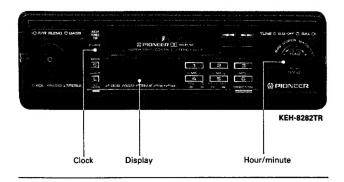
To enable regular fast forward/rewind operations, press the music search button again to turn the function OFF. The following errors will cause the music search function to operate improperly, even though the unit is not malfunctioning.

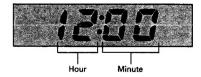
■ Unrecorded "blank" portions between selections is less than 4 seconds → the

- blank portion cannot be detected by the unit. Pauses in recorded conversations are longer than 4 seconds \rightarrow the unit reads these as blanks between selections.
- Portions are recorded at very low volume for more than 4 seconds \rightarrow the unit reads these as blanks between selections.



5. SETTING THE TIME





- 1. Press the clock switch to switch to the time display.
- Each turn of the hour/minute control knob to the left while the clock button is depressed advances the hour setting one hour, while each turn to the right advances the minute setting one minute. Holding the control knob in either position results in high speed advance of the respective setting.

6. DISASSEMBLY

Removing the Case Assy

- 1. Remove the two screws A and two screws B.
- 2. Remove the case assy.

• Removing the Grille Assy (Fig. 1)

1. Remve the two screws C, and then remove the grille assy.

• Removing the Cassette Mechanism Assy

- 1. Disconnect the two connectors.
- 2. Remove the four screws, and then remove the cassette mechanism assy.

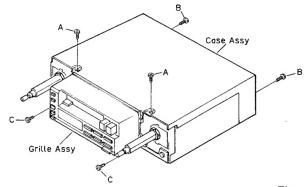


Fig. 1

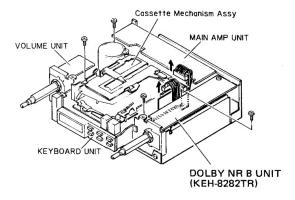


Fig. 2

Removing the Main Amp Unit

- 1. Remove the one screw D and two screws E.
- 2. Disconnect the connector. (Fig. 3)
- 3. Disconnect the two connectors. (Fig. 4)
- 4. Remove the main amp unit.
- 5. Remove the four screws ${\sf F}$, and then remove the heat sink.

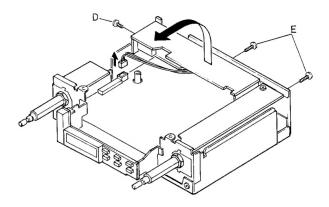


Fig. 3

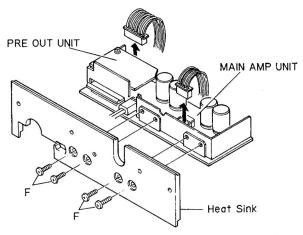


Fig. 4

• Removing the Tuner Unit

1. Remove the two screws, and then lift up the tuner unit.

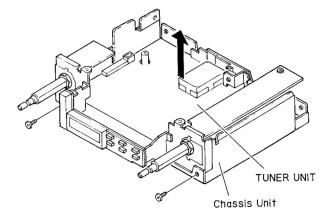


Fig. 5

7. ADJUSTMENT

• Connection Diagram

NOTICE:

Select C1 so that total capacity of 80 pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

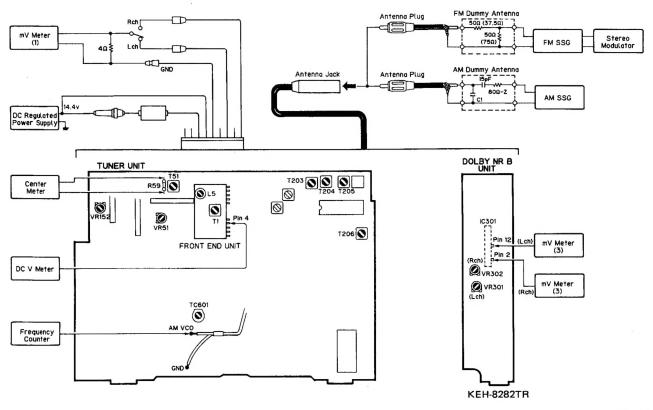


Fig. 6

7.1 AM ADJUSTMENT

	No.	AM SSG (400 F	łz, 30%)	Frequency	Adjusting Point	Adjustment Method (Switch Position)
	NO.	Frequency (kHz)	Level (dB)			
Tuning	1			1,620	T203	DC V Meter: Less than 6 V
Volt	2			530	T203	DC V Meter: More than 3 V
1F	1	1,000	20-25	1,000	T204,205,T206	mV Meter (1): Maximum

7.2 FM ADJUSTMENT

*Stereo MOD.: 1kHz, L+R=90%, Pilot=10%

	N.	No.	N.	FM SSG		Displayed	Adjusting	Adjustment Method
	NO.	Frequency (MHz)	Level (dB)	Frequency (MHz)	Point	(Switch Position)		
lF	1	98.1 (400 Hz, 30%)	60	98.1	T51	Center Meter: 0 (MONO SW: MONO)		
	1			107.9	L5	DC V Meter: 6.48 ± 0.2 V		
Front End	2			87.9	_	DC V Meter: 2.28 ± 0.6 V		
	3	98.1 (400 Hz, 100%)	5-10	98.1	T1	mV Meter (1): Maximum		
ARC	1	98.1*	98.1* 98.1 VR152		VR152	mV Meter (1): Separation 5 dB		
	1	98.1 (400 Hz, 100%)	20		VR51	Make SEEK stop (LOC.S SW: DX)		
	2	98.1 (400 Hz, 100%)	19		_	Verify that SEEK doesn't stop.		
SEEK	3	98.1 (400 Hz, 100%)	41		_	Verify that SEEK doesn't stop. (LOC.S SW: LOC.S)		
	4	98.1 (400 Hz, 100%)	52		_	Verify that SEEK stops.		
	5	Confirm each stop sensitivity falls within standard values after above adjustment.						

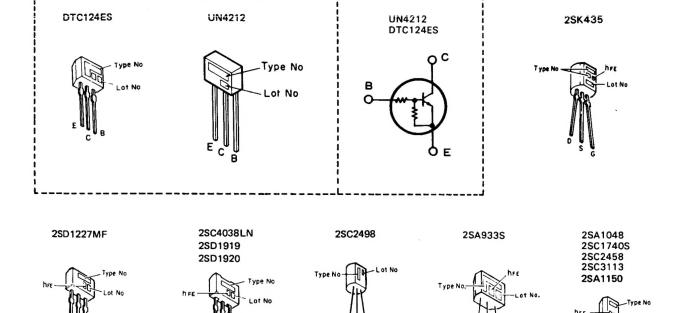
7.3 CLOCK ADJUSTMENT

NO.	AM Mode	Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
1		900	TC601	Frequency Counter: 11.61 MHz ± 200 Hz

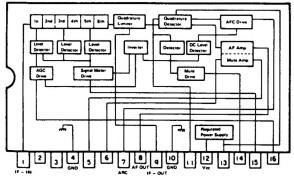
7.4 DOLBY NR LEVEL ADJUSTMENT (KEH-8282TR)

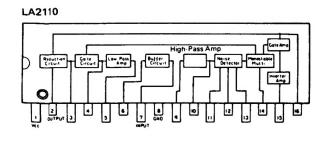
NO.	Cassette Tape	Adjusting Point	Adjustment Method (Switch Position)	
1	NCT-150 (400 Hz, 200 nwb/m)	VR301 (L ch) VR302 (R ch)	mV Meter (3): 100 mV (-17.8 dBs) (Dolby NR SW: OFF, METAL SW: OFF)	

• ICs and Transistors

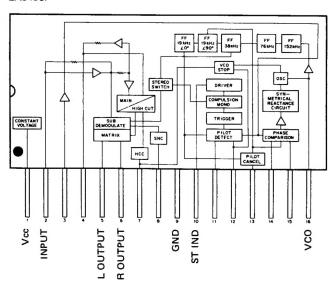




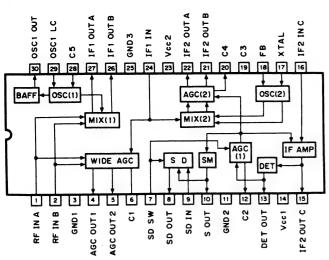




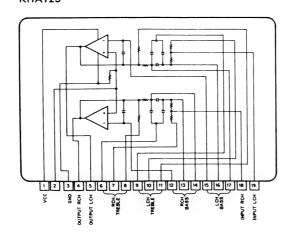
LA3430P



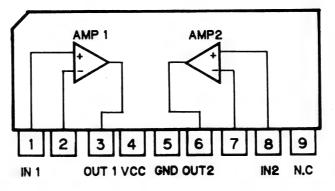




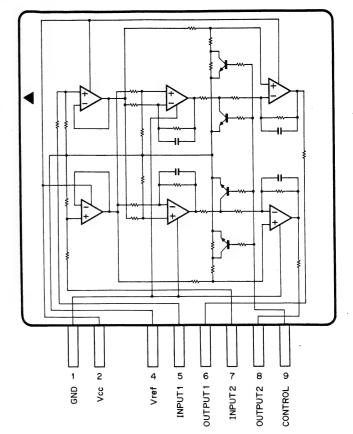
KHA125



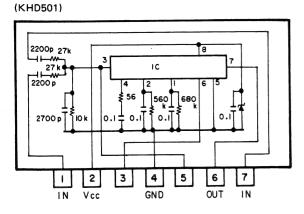
TA7375P



KHA136

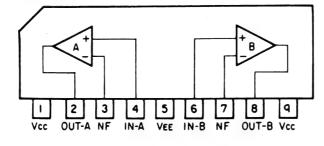


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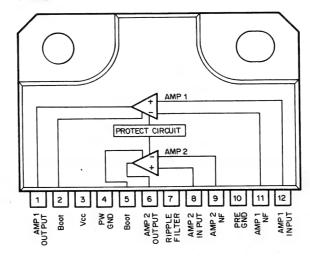


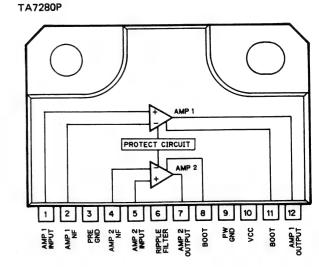


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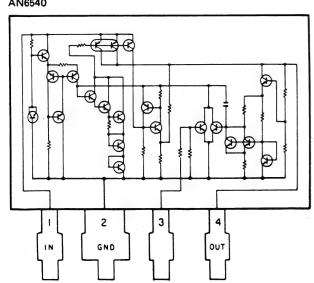


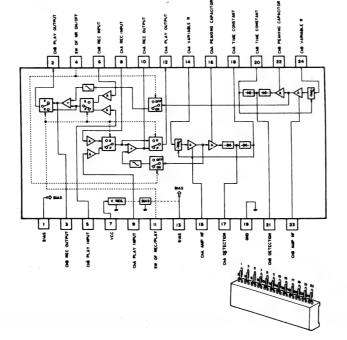
TA7281P





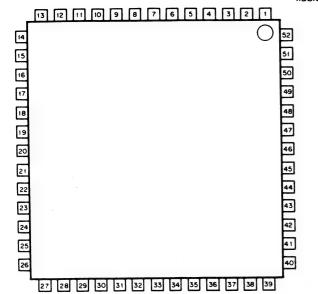
AN6540





*PD4113A

IC's marked by * are MOS type. Be careful in handling them because they are very liable to be damaged by electrostatic induction.



●Pin Function (PD4113A)

Pin No.	Pin Name	I/O	Function and Operation
1 	LCD5 I LCD2	Output CMOS Push-pull	Segment signal output terminal to LCD. LCD display performed using COM0, COM1 matrices.
5 6	COMO COM1	Output CMOS Push-pull	Common signal terminal to LCD.
7 33	VDD VDD	_	Device power supply terminal. 5V voltage supplied.
8	FM	Input	Inputs local oscillator reference frequency (VCO output). This terminal is active when swallow counter method is selected.
9	AM	Input	Inputs local oscillator reference frequency (VCO output). This terminal is active when direct division system is selected.
10	GND	_	GND terminal.
11 12	E01 E02	Output CMOS 3 state	PLL error output. This output is applied to a varactor diode via an external low pass filter. E01 is not used.
13	CE	Input	Device signal input. H level during normal device operation, L level when device is not being used. PLL is in disable status while this terminal is L level. Change of CE terminal from L to H results in device reset and program to start from address 0.
14	NC	_	No connected to internal chips.
15 16	XI XO	Input CMOS	Quartz oscillator terminal. 4.5MHz quartz crystal used.
17	FM (MTL)	Output CMOS Push-pull	FM/AM selector output and equalizer switching output terminal. When the tuner operating H level: FM band L level: AM band When the tape operating H level: MTL (Metal) L level: Normal
18	LOC (MS)	Output CMOS Push-pull	LOC/DX selector output and MS ON/OFF selector output terminal. When the tuner operating H level: LOC mode L level: DX mode When the tape operating H level: MS ON mode L level: MS OFF mode

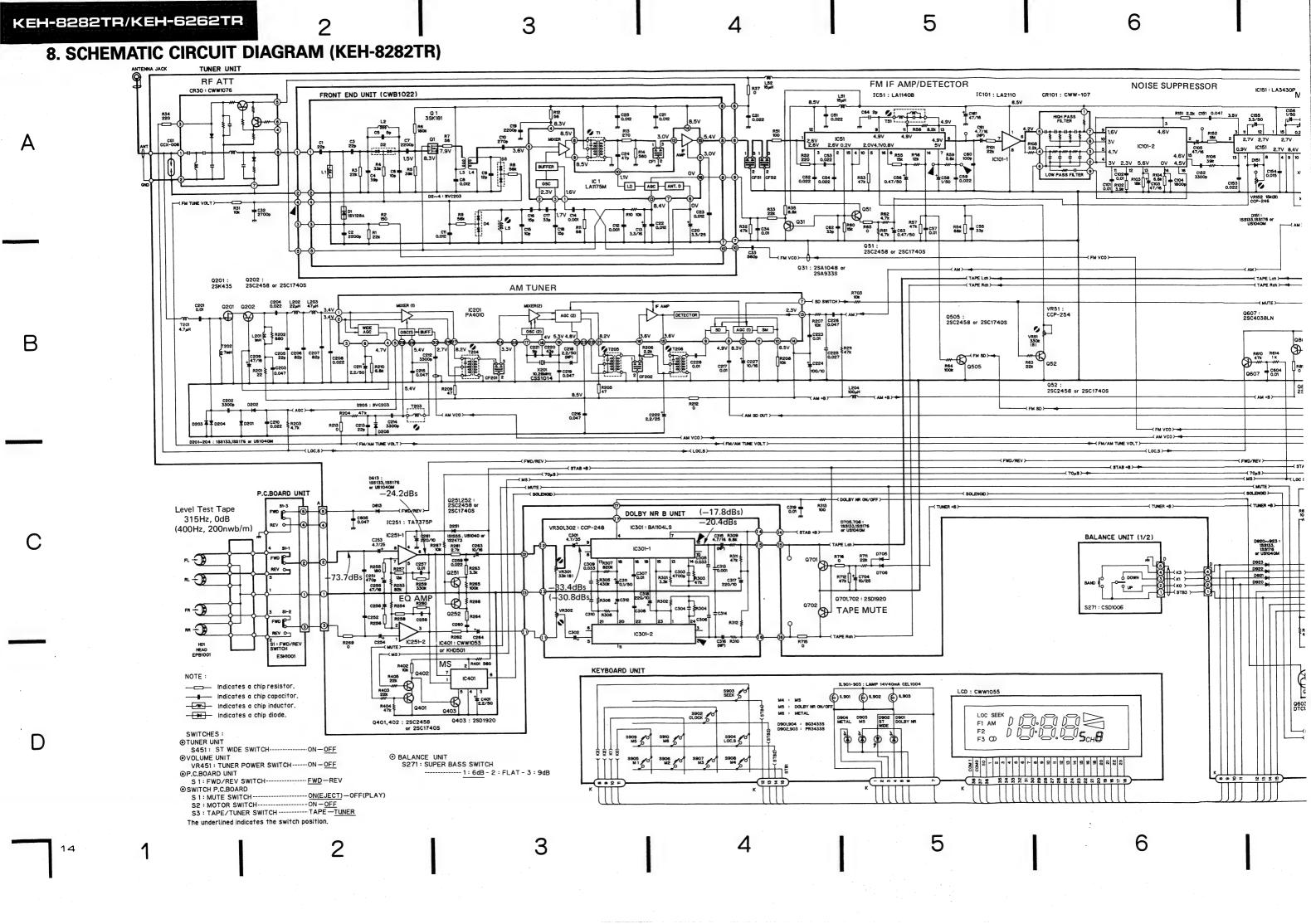
Pin No.	Pin Name	I/O	Function and Operation
19	FWD/REV	Output CMOS Push-pull	FWD/REV selector output terminal. L level is output in forward direction.
20	STB5	Output CMOS Push-pull	Strobe signal output terminal for diode matrix.
21 I 24	K3 K0	Input	Key matrix input terminal.
25 I 28	STB4 I STB1	Output CMOS Push-pull	Strobe signal output terminal for key matrix.
29	DOLBY NR ON/OFF	Output CMOS Push-pull	Dolby NR ON/OFF control output terminal. L level is output when Dolby NR is ON.
30	DOLBY NR B/C	Output CMOS Push-pull	Dolby NR B/C control output terminal. L level is output when Dolby NR is B type.
31	MUTE	Output CMOS Push-pull	Mute ON/OFF control output terminal. Active low.
32	FM IF IN	Input	Judges whether or not a broadcast is present during auto tuning. A broadcast is judged as being present when H level is input.
34	AM IF IN	Input	AM IF pulse input terminal. Used for broadcast detection in AM band auto tuning.
35	LCD GND	_	LCD GND terminal.
36 40 41 52	LCD23 LCD 19 LCD 17 LCD6	Output CMOS Push-pull	Segment signal output terminal to LCD. LCD display performed using COM0, COM1 matrices.

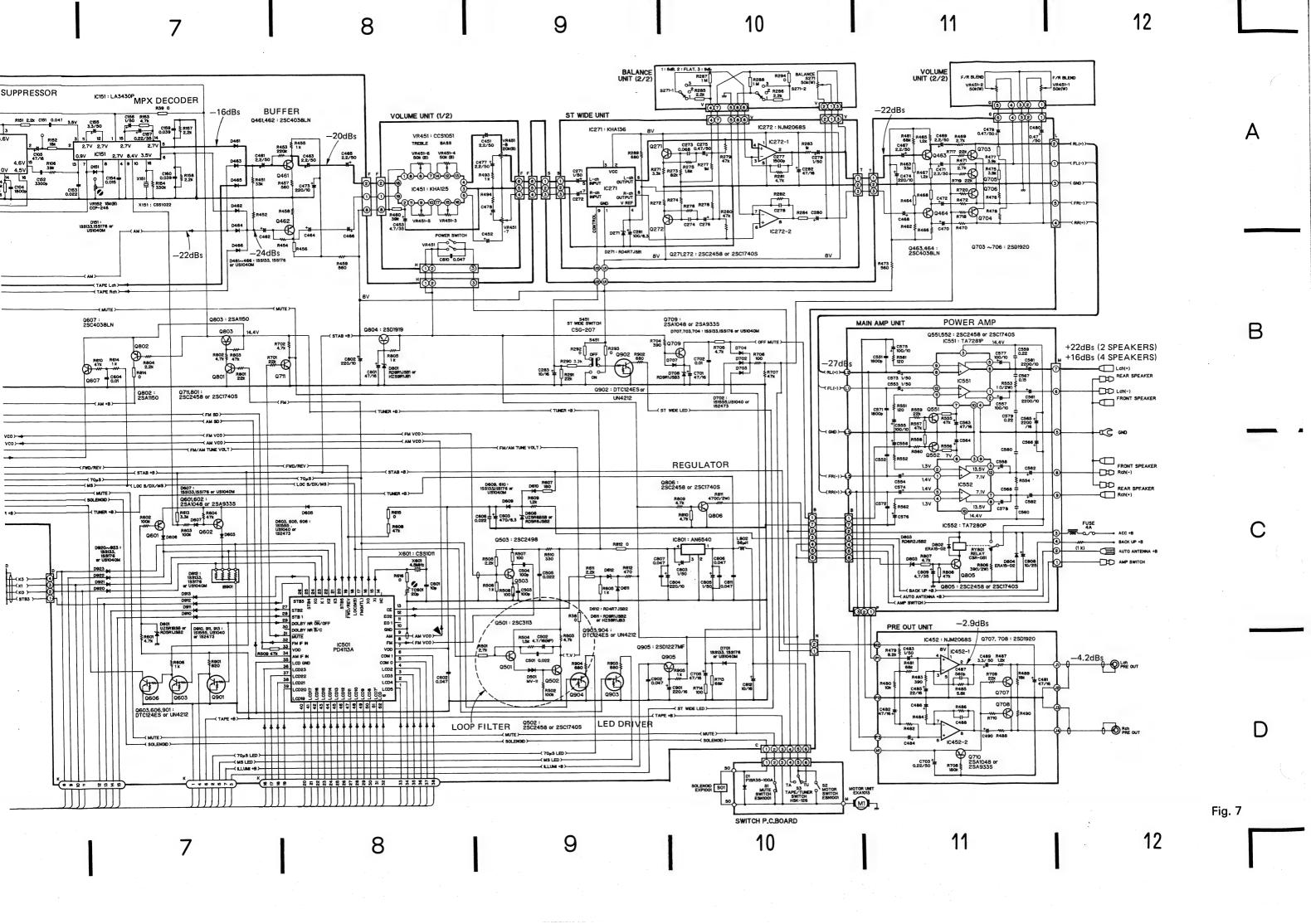
LCD:CWW1055

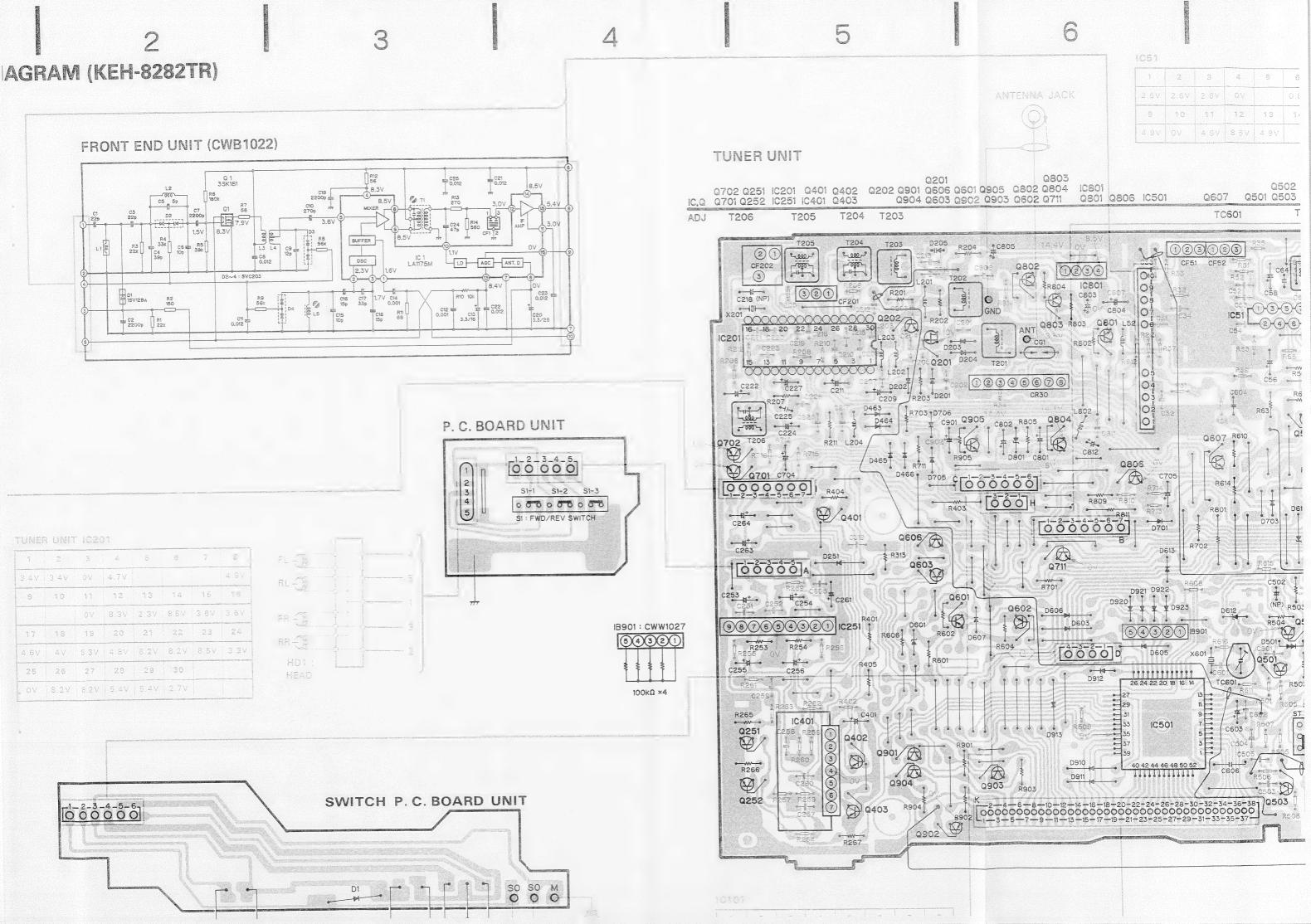
SEGMENT

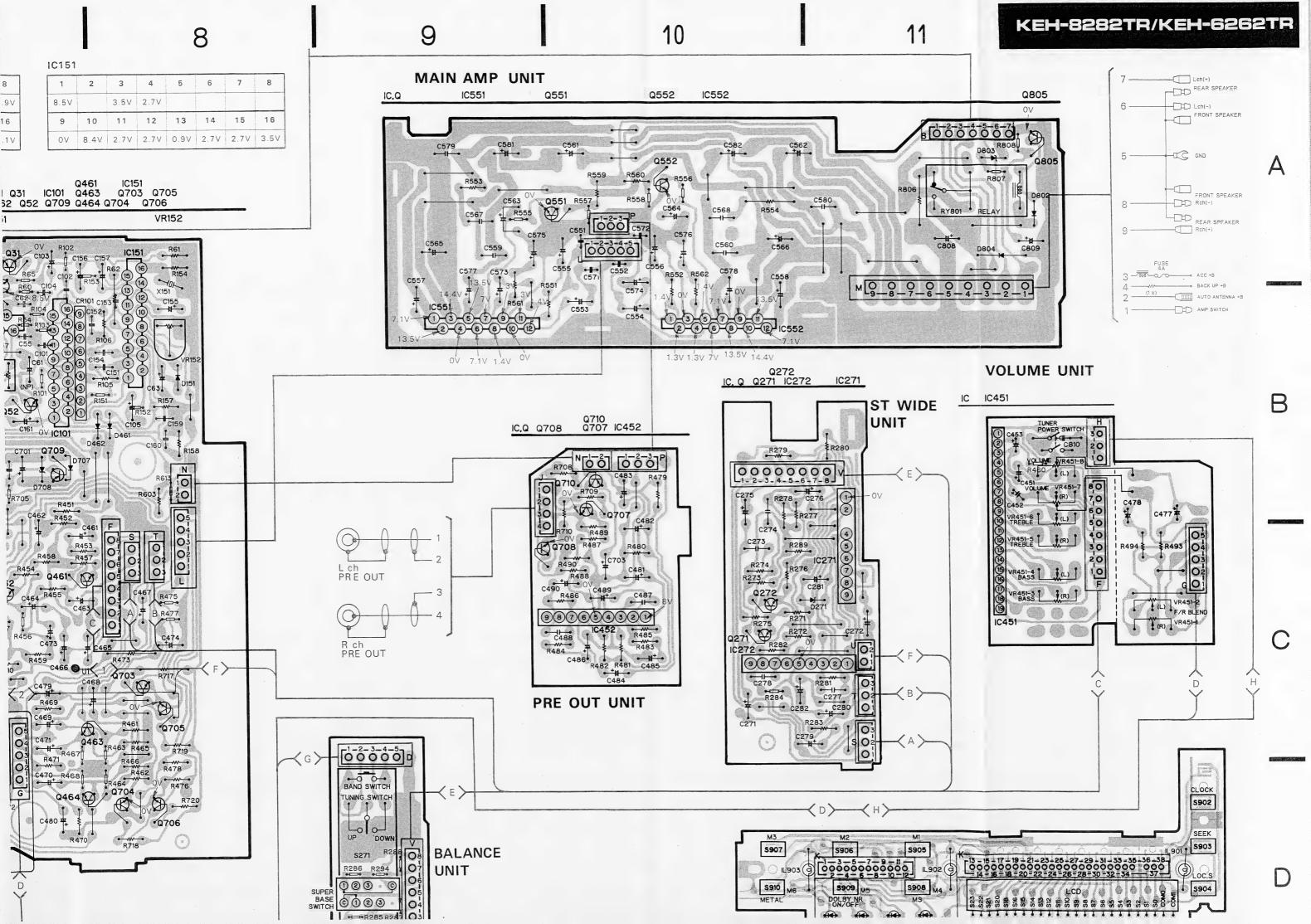
LOC SEEK
F1 AM
F2
F3 CD
F4 CD
F4 CD
F5 CD
F5

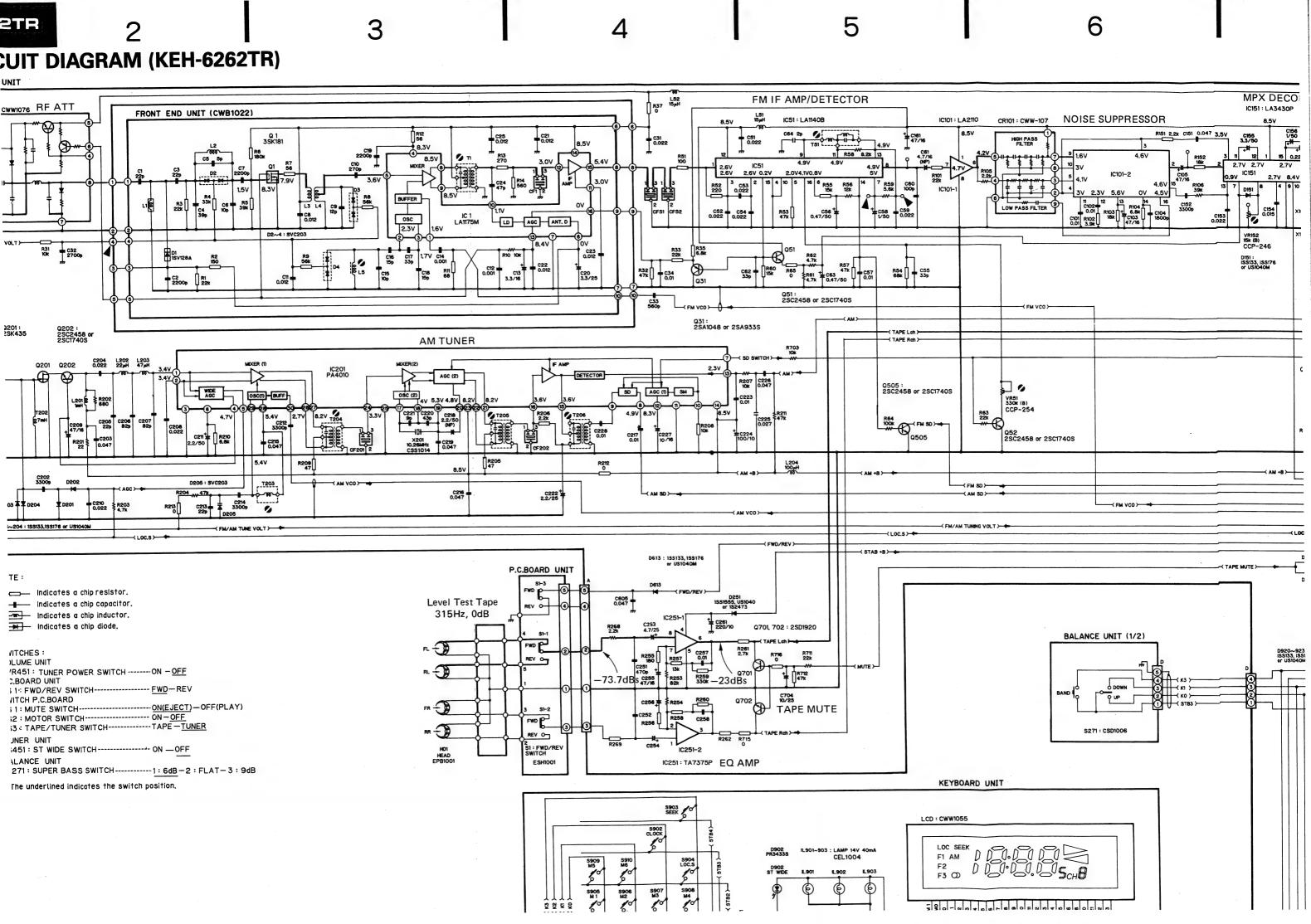


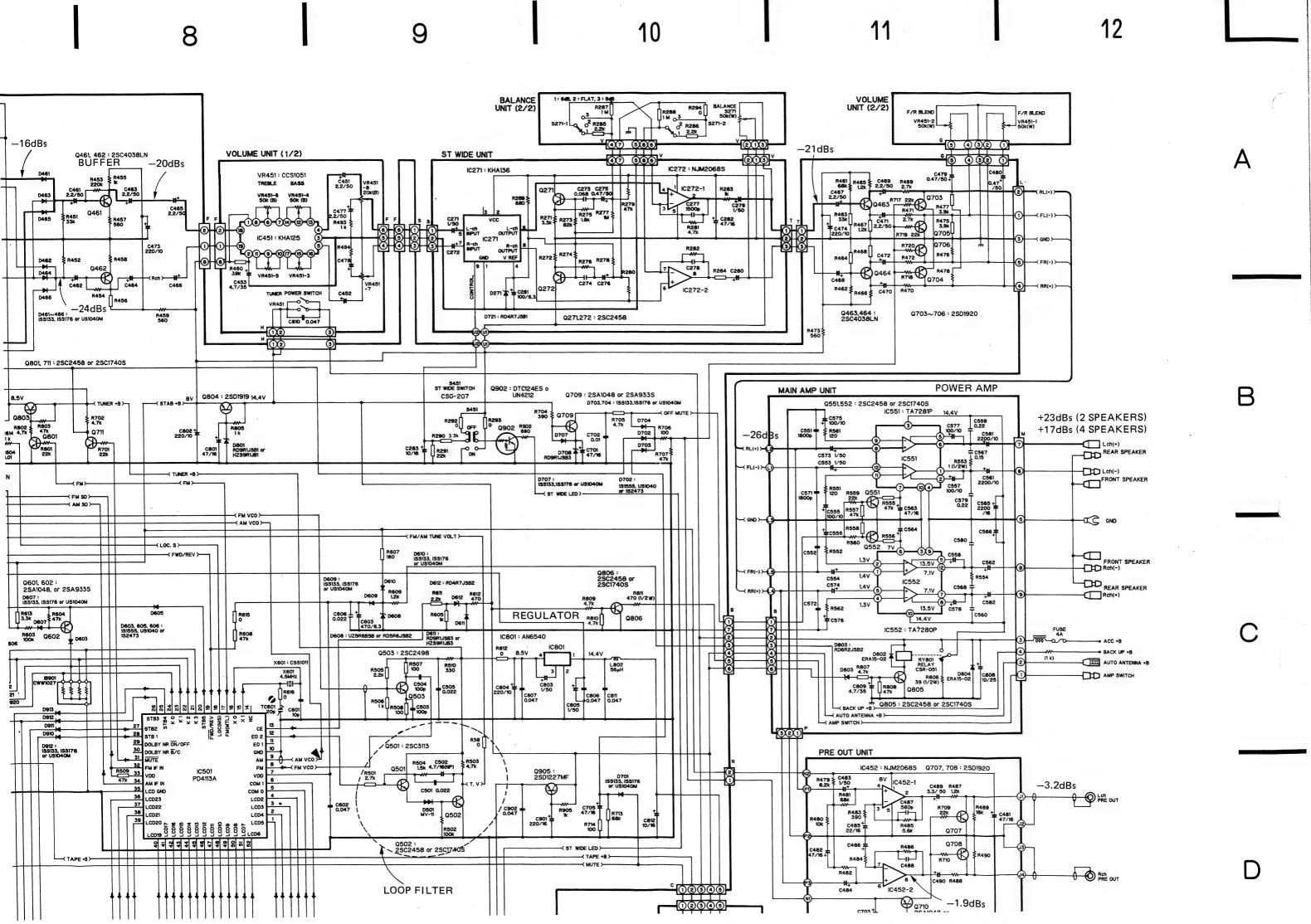


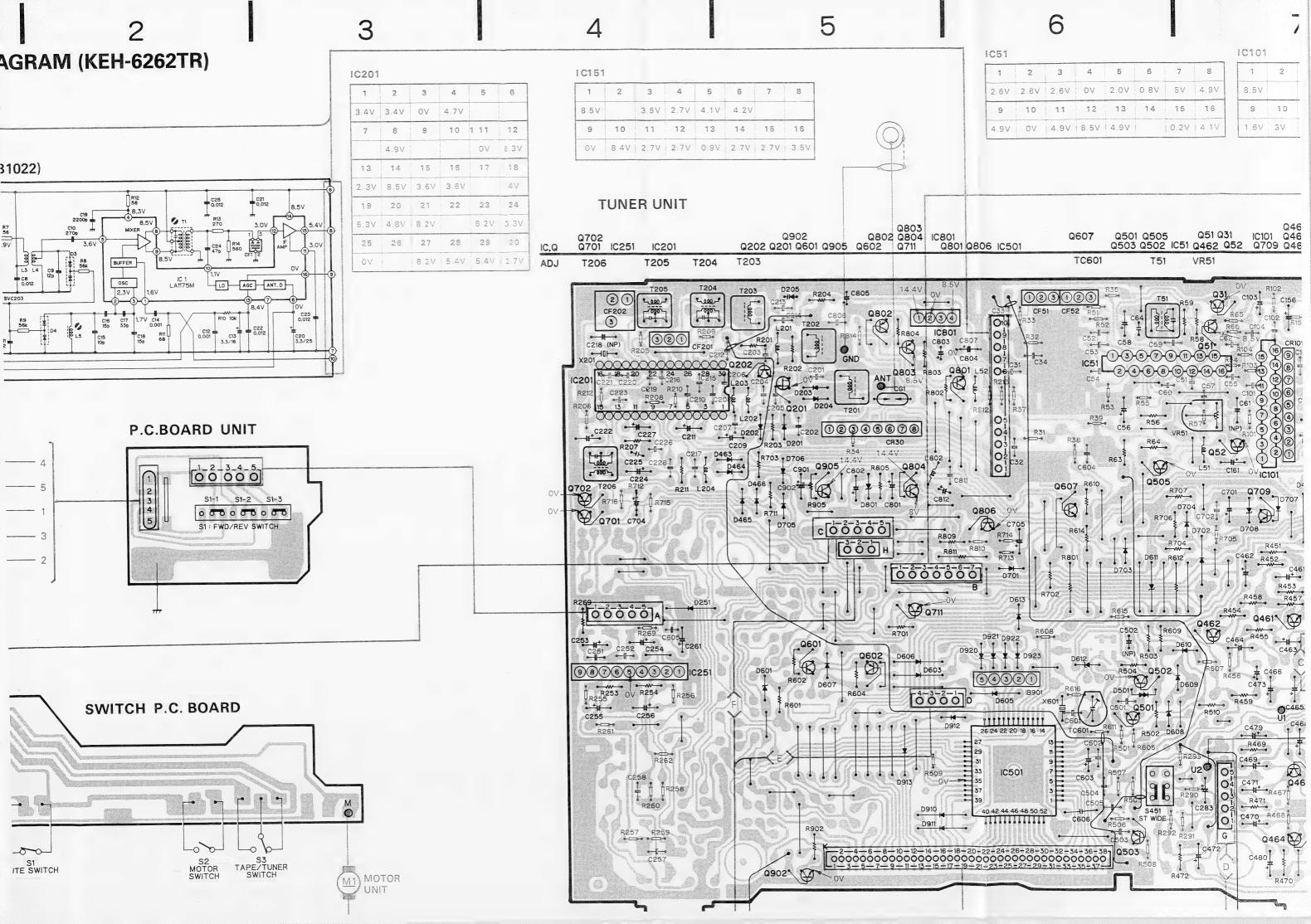


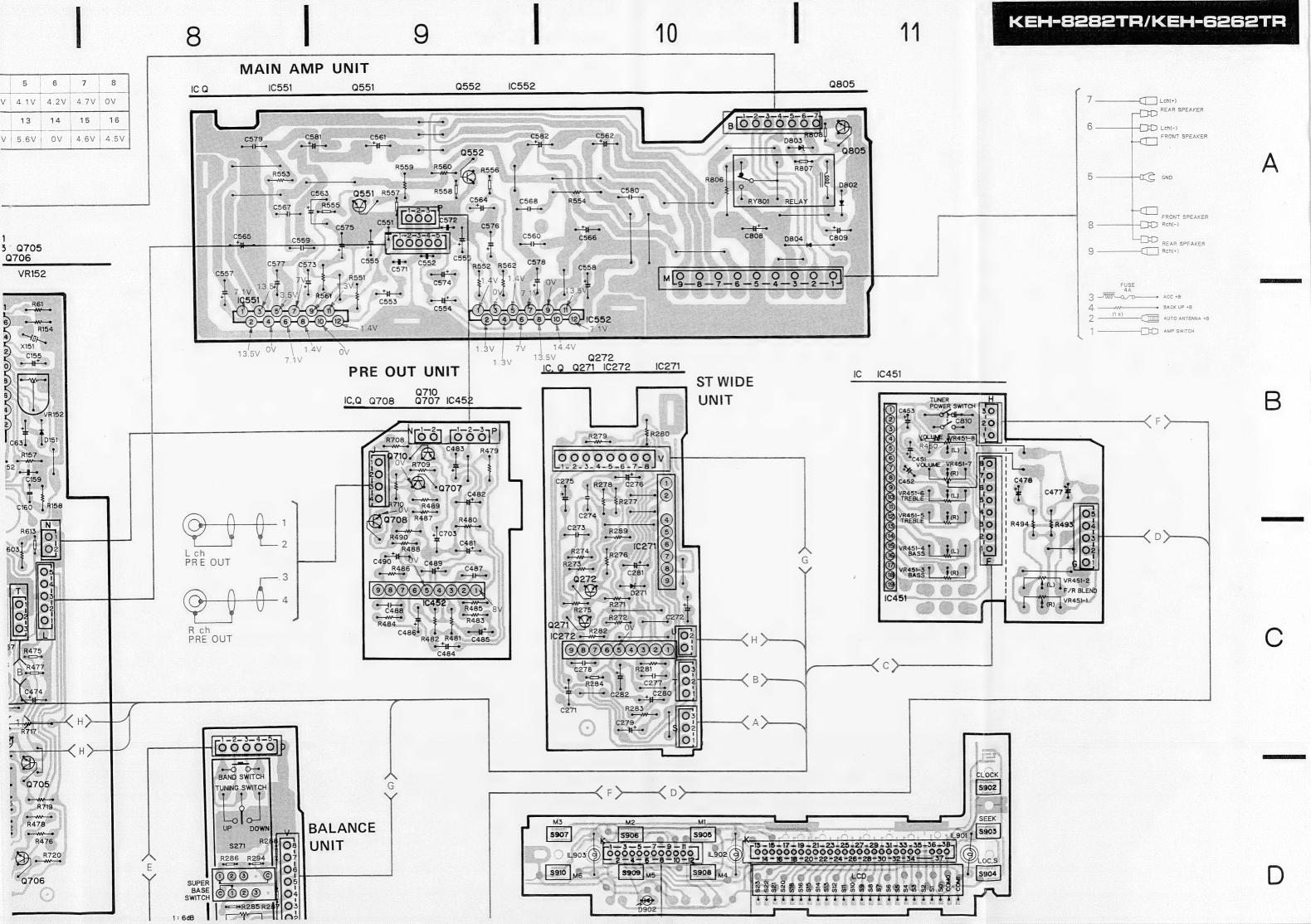


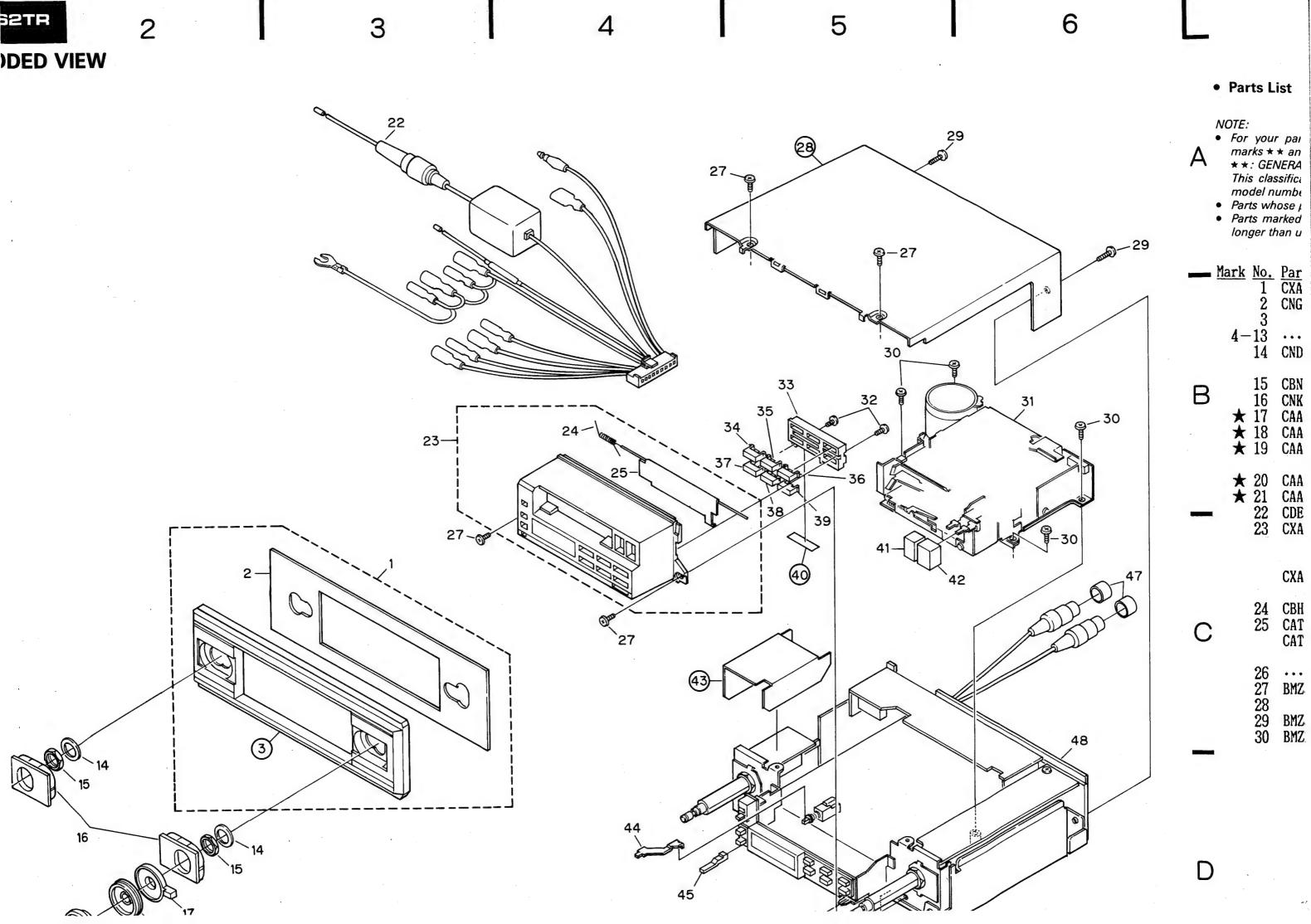












ol, the fast moving items are indicated with the

TER THAN *.

djusted by each distributor because it depends on humidity, etc.

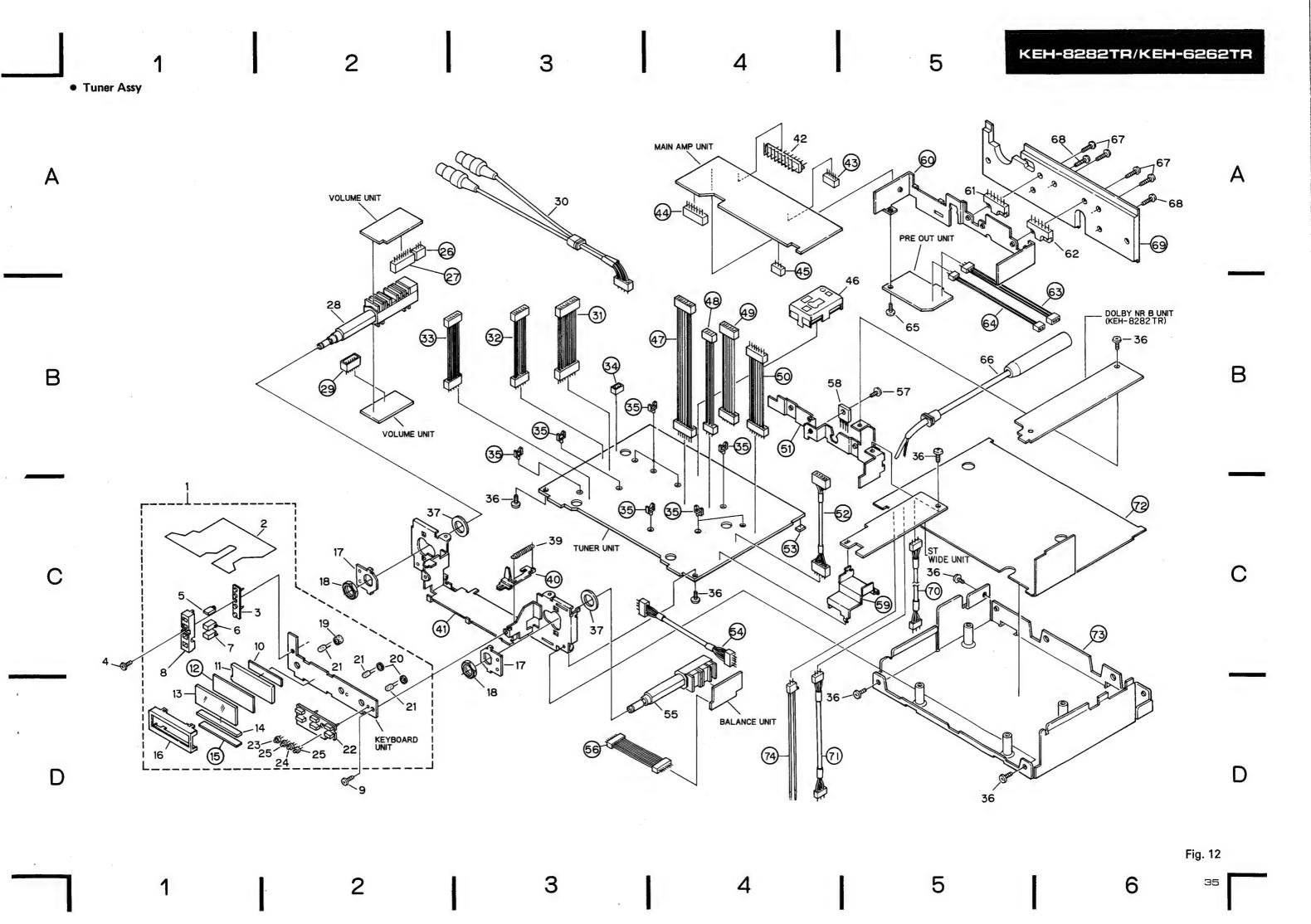
re omitted are subject to being not supplied.
It always kept in stock. Their delivery time may be y be unavailable.

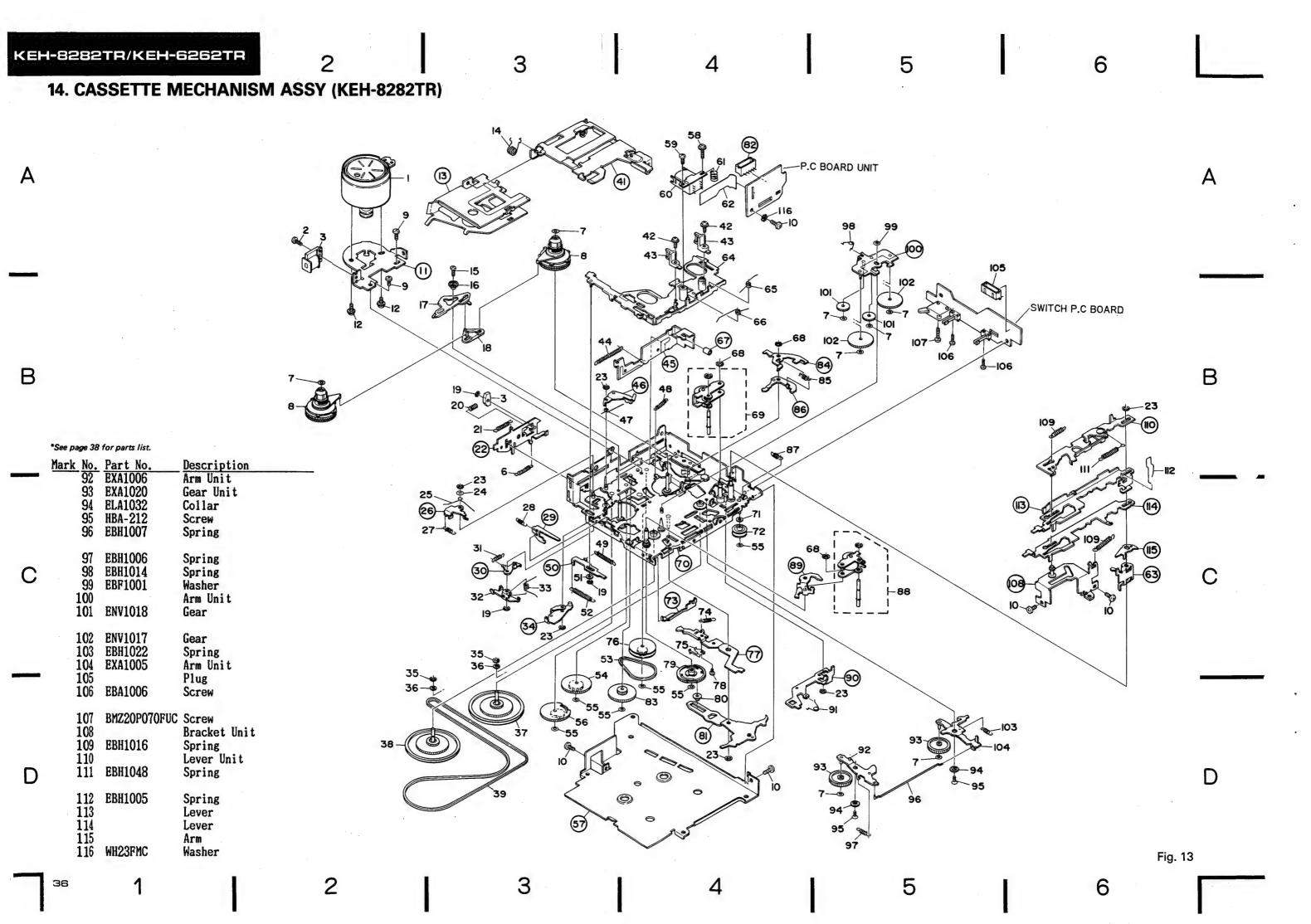
escription	Mark No.	Part No	Description
mel Kit	③ 31	EXK1010	Cassette Mechanism
ate			Assy (KEH-8282TR)
inel	\odot	EXK1130	Cassette Mechanism
			Assy (KEH-6262TR)
acer	32	CBA1058	Screw
ıt	33	CNV1344	Lens
ıp	★ 34		But'ton (1)
iop	★ 35		Button(2)
iop	★ 36	CAC1315	Button(3)
ıob	★ 37		Button (4)
ıob	★ 38	CAC1317	Button (5)
iop	★ 39		Button (6)
ord Assy	40	0.101010	Sheet
ille Unit	★ 41	CAC1358	Button(<<)
(EH-8282TR)	★ 42	CAC1357	Button(DD)
	40		Insulator
ille Unit	43	CMII 104	Insulator
(EH-6262TR)	44	CNH-134	Lever Button(ST Wide)
oring	★ 45		Button (Direction)
or (KEH-8282TR)	★ 46		Cap
or (KEH-6262TR)	47	CNW-829	Сар
. –	• 48	CWM1327	Tuner Assy
rew	_		(KEH-8282TR)
ise Assy	\odot	CWM1330	Tuner Assy
rew			(KEH-6262TR)
rew	49		Spacer

13. TUNER ASSY EXPLODED VIEW

Parts List

Mark	No.	Part No.	Description				Description
(1	CWS1068	Keyboard Unit		43		Plug
^		01101074	(KEH-8282TR)		44 45		Plug Plug
\odot		CWS1074	Keyboard Unit (KEH-6262TR)		45 46		Front End Unit
-	2	CNP1358	P.C.Board		47		Connector
	4	CML 1200	1.0.D0a1u		-		
	3	CNV1347	Rubber		48		Connector
		PMZ20P100FMC			49		Connector
*	5	CAC1319	Button (Clock)				(6P, KEH-8282TR)
*	6	CAC1320	Button (Seek)				Connector
**	7	CAC1321	Button (Loc.S)				(5P, KEH-6262TR)
	8	CNV1345	Lens		50		Connector
	9	PMZ20P050FMC					(KEH-8282TR)
	10	CNN-137	Spacer		51		Holder
	11	CNV1409	Lens		52		Connector
	12		Plate		53		Spacer
	13	CWW1055	LCD		54		Connector
	14	CNY-214	Connector	**		CSD1006	Switch
	15	ON1-214	Insulator	~~	56		Connector
	16	CNH-136	Holder		57	BMZ30P060FMC	Screw
	17	CNG-290	Holder	**	58	AN6540	IC
			N		ΕO		Shield
	18	CBN-028	Nut		59 60		Holder
	19	CNV1088	Cap	**		TA7280P	IC
	20	CNV1102	Bush	X x		TA7281P	IC
**		CEL1004	Lamp Rubber	^^	63	INIZOI	Connector
	22	CNV1346	Kunnet		V		
*	23	PR3433S	LED (KEH-8282TR)		64		Connector
*			LED		65	BMZ26P050FMC	
*			LED (KEH-8282TR)		66	CDH1063	Antenna Cable
	26		Plug		67	BMZ26P080FMC	
	27		Plug		68	BMZ30P080FMC	Screw
11	28	CCS1051	Volume		69		Heat Sink
A A	29		Plug		70		Connector
	30		Connector		71		Connector
	31		Connector		72		Insulator
	32		Connector		73		Chassis Unit
							Ci
	33		Connector		74		Connector
	34		Plug				
	35		Clamper				
	36					•	
	37	CBE-084	Spacer				





Parts List

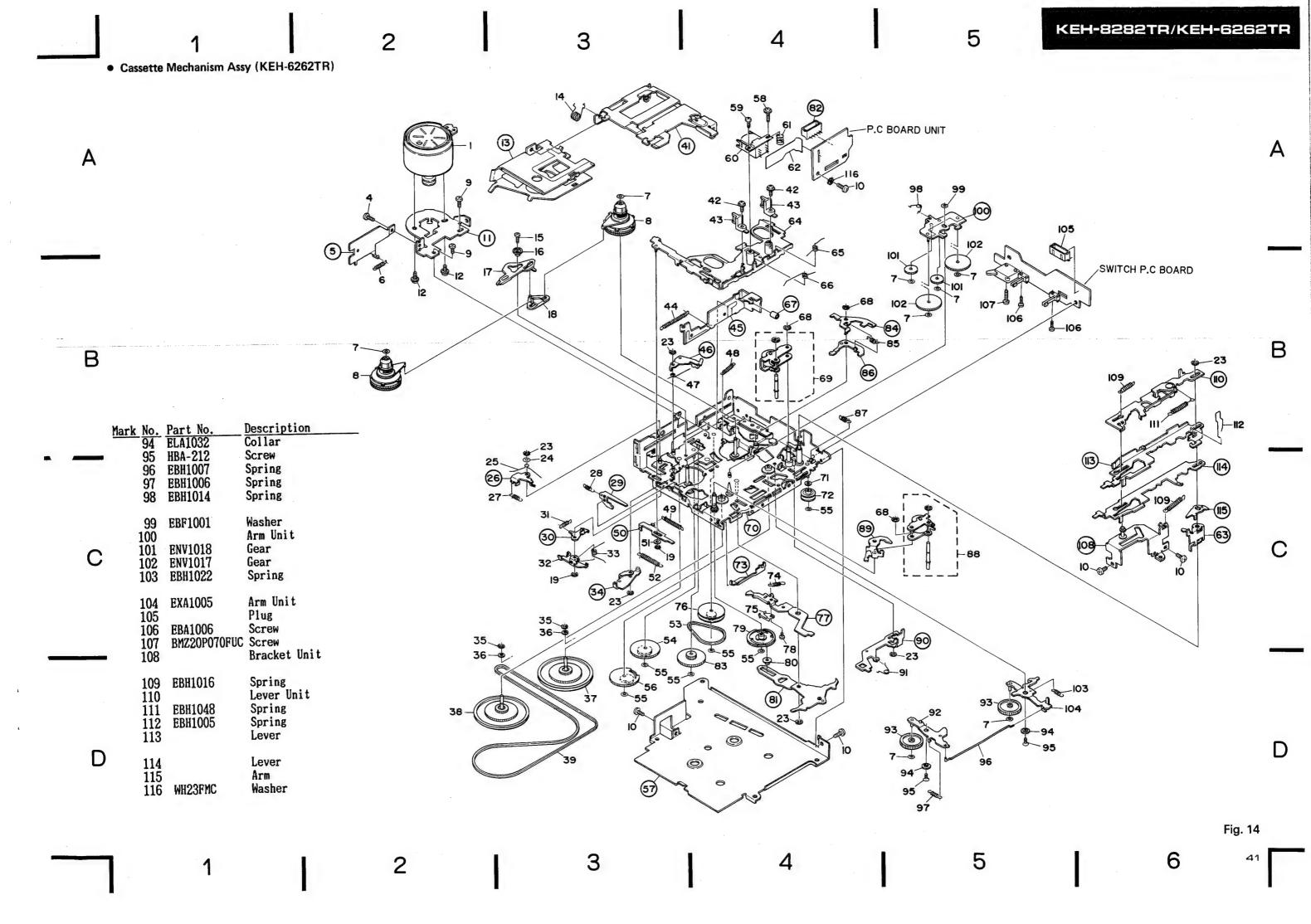
- Fai	f2 F	12.					
Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
**	1	EXA1013	Motor Unit	1102 11	47	EBH1040	
~ ~	7						Spring
	2	EBA1008	Screw		48	EBH1041	Spring
*	3	EXP1001	Solenoid		49	EBH1021	Spring
	, 5	• • • • •			50		Lever
4			0			PDP1001	
	6	EBH1011	Spring		51	EBE1001	Washer
	7	CBF-166	Washer		52	EBH1009	Spring
-11-				4-4	52		
**	8	EXA1012	Reel Unit	**		ENT1002	Belt
	9	BMZ23P030FMC	Screw		54	ENV1012	Gear
	10	BSZ23P040FMC	Screw		55	CBF-135	Washer
		DODDOI 0401 NO			56		
	11		Bracket		90	ENV1014	Gear
	12	PMS26P025FUC	Screw		57		Cover
	13		Cassette Holder		58	EBA1007	Screw
		PRIII 010					
	14	EBH1019	Spring		59	BMZ20P050FMC	Screw
	15	EBA1009	Screw	**	60	EPB1001	Head
	16	ELA1039	Collar		61	CBH-198	Spring
	10	20117000			O.I.	ODII 100	ob: 1119
	4	DATE OF THE OWN	•		^^	DVD4000	
	17	ENV1022	Arm		62	ENP1003	P.C.Board
	18	ENV1021	Arm		63		Arm
	19	YE12FUC	Washer		64	EXA1004	Head Base Unit
	13				04		
	20	EBH1038	Spring		65	EBH1004	Spring
	21	EBH1012	Spring		66	EBH1003	Spring
	99		I U-:+		CT		Combine
	22		Lever Unit		67		Cushion
	23	YE15FUC	Washer		68	YE20FUC	Washer
	24	CBF-165	Washer		69	EXA1002	Roller Unit
	25	EBH1035	Spring		70	DII100D	Chassis Unit
	40	CDIIIOOO			71	DDD1004	
	26		Arm		71	EBF1004	Washer
	27	EBH1037	Spring		72	ENV1009	Pulley
	20				72	DIV 1003	
	28	EBH1039	Spring		73	BB11400E	Lever
	29		Arm		74	EBH1025	Spring
	30		Arm		75	EBL1001	Spring
	31	EBH1010	Spring		76	ENV1010	Pulley
	91	EDITOTO	Shring		10	DIATOTO	rulley
	32		Arm		77		Arm
	33	EBH1008	Spring		78	HBA-147	Screw
	24	Phillonn			70		
	34	ana4224	Arm Unit		79	ENV1028	Gear
	35	CBG1001	Washer		80	ELA1018	Collar
	36	HBF-179	Washer		81		Arm
	-	2.0			-		
	077	PMII1000	P1		00		D1
	37	ENV1029	Flywheel (N)		82		Plug
	38	ENV1030	Flywheel (R)		83	ENV1011	Gear
**		CNT-091	Belt		84		Arm
~ ~		011-051	2010		85	EBH1024	
	40	• • • • •			00	CD11UZ4	Spring
	41		Cassette Frame Unit		86		Ratchet
	42	PMS20P040FMC	Scrow		87	EBH1018	Spring
	43	ENV1016	Tape Guide	**		EXA1003	Roller Unit
	44	EBH1047	Spring		89		Arm
	45		Lever		90		Lever
	10				91	CDU1019	
	46		Arm		31	EBH1013	Spring

*See page 36 for parts list.

15. CASSETTE MECHANISM ASSY (KEH-6262TR)

• Parts List

Description	Mark	No.	Part No.	Description
Motor Unit		49	EBH1021	Spring
Screw		50 51	EBE1001	Lever Washer
Holder		52	EBH1009	Spring
Spring	**	53	ENT1002	Belt
Washer		54	ENV1012	Gear
Reel Unit				Washer
		56 57	ENV1014	Gear Cover
Bracket		58	EBA1007	Screw
Scrow		59	RMZ20P050FMC	Screw
Cassette Holder	**	60	EPB1001	Head
Spring				Spring
		63	ENP1003	P.C.Board Arm
				Head Base Unit Spring
Washer		66	EBH1003	Spring
es •		67	VEOVERIO	Cushion
wasner		00	IEZUFUC	Washer
Washer		69	EXA1002	Roller Unit
		70	FRF100A	Chassis Unit Washer
Spring		72	ENV1009	Pulley
Spring		73		Lever
Arm		74	EBH1025	Spring
Arm			EBL1001	Spring
		77	ENVIOLO	Pulley Arm
Spring		78	HBA-147	Screw
Arm Ilnit		79	ENV1028	Gear
Washer		80	ELA1018	Collar
Washer				Arm Plug
		83	ENV1011	Gear
Relt			EBH1024	Arm Spring
Cassette Frame Unit		86		Ratchet
	4.4			Spring Roller Unit
tape dutue	* *		DVHTAAA	WOLLET OULT
Spring		89		Arm
			EBH1013	Lever Spring
Spring		92	EXA1006	Arm Unit
Spring		93	EXA1020	Gear Unit
	Washer Reel Unit Screw Screw Screw Screw Cassette Holder Spring Screw Collar Arm Arm Washer Washer Washer Washer Washer Spring Spring Arm Spring Spring Arm Spring	Motor Unit Screw Holder Spring Washer Reel Unit Screw Screw Cassette Holder Spring Screw Collar Arm Arm Washer Washer Washer Washer Washer Washer Spring Spring Arm Spring Spring Arm Spring Flywheel (N) Flywheel (R) Belt Cassette Frame Unit CScrew Tape Guide Spring Lever Arm Spring Lever Arm Spring	Motor Unit Screw Holder Spring Washer Reel Unit Screw Screw Screw Screw Cassette Holder Spring Screw Collar Arm Arm Washer Washer Washer Washer Washer Washer Washer Flywheel (N) Flywheel (R) Belt Cassette Frame Unit Correw Cassette Frame Unit Correw Reel Unit Spring Screw Flywheel Reel Unit Spring Flywheel Reel Unit Spring Flywheel Reel Unit Spring Flywheel Reel Unit Spring Flywheel Reel Unit Reel Unit Re	Motor Unit



16. ELECTRICAL PARTS LIST

- For your parts Stock Control, the fast moving items are indicated with the marks ## and #.

 ##: GENERALLY MOVES FASTER THAN #.

 This classification shall be adjusted by each distributor because it depends on

 - model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S \(\sigma\) \(\sigma\), RS1/10S \(\sigma\) \(\sigma\)
Chip Capacitor (except for CQS.....)
CKS....., CCS....., CSZS.....

	*	Đ	608				(US1040M) UZ5R6BSB
							(RD5R6.ISB
	*	D	611				RD9R1,ISB3
							(HZS9R1,IB
			010				
							RD4R7,ISB2
							RD9R1 JSB3
	•	υ	001				RD9R1,ISB1 (HZS9R1,JB
	*	Đ	802	804			ERA15-02
	*	D	803				RD6R2,JSB2
		l,	51	52		Ferri-Inductor	CTF-156
		Į,				Ferri-Inductor	CTF1026
		L	202			Ferri-Inductor	LAU220K
		Ł	203			Ferri-Inductor	LAU470K
Part No.		l.	204			Coil	CTF-113
LATIAND	-	L	802	!		Ferri-Inductor	CTF1037
		T				Coil	CTC1008
		T	201			Coil	CTB1015
		T	202			Coil	CTB1016
		T				Coil	CTB1017
KHA136						Coil	CTE1013
N,IM2068S							CTE1014
BA1104LS							CTE1015
		IC	001			Irimmer	CCG-070
(KHD501)		CG	1		Car	acitor with Discharge Can	CCX-006
VUATOE							CTF-182
							CTF1027
		CF	202			Filter	CTF-100
		CR	30				CWW1076
17112001		CR	101			•	CWW-107
AN6540							CWW1027
						Ceramic Resonator	CSS1022
(2SA933S)						Xtal	CSS1014
2SC2458		χ	601			Xtal	CSS1011
(25(.1(405)	**	S	271			Switch	CSD1006
2SK435						Switch	CSG-207
2SC2458						Semi-fixed $330k\Omega(B)$	CCP-254
(2SC1740S)							CCP-246
2SD1920	**	VK	301	302		Semi-fixed 33kΩ(B)	CCP-248
2SC4038LN	44	VD	451			Volumo	CCCIOEI
	**						CCS1051
MV-11		n i	OVI				CSR-051 CWB1022
UZ5R1BSB						TOTAL LING OHILE	C#01022
(RD5R1,ISB2)							
1SS133							
	LA1140B I.A2110 LA3430P PA4010 TA7375P KHA136 N.IM2068S BA1104LS CW1053 (KHD501) KHA125 N.IM2068S PD4113A TA7281P TA7280P AN6540 2SA1048 (2SA933S) 2SC2458 (2SC1740S) 2SK435 2SC2458 (2SC1740S) 2SM435 2SC2458 (MV-11 UZ5R1BSB (RD5R1,ISB2)	Part No. LA1140B LA2110 LA3430P PA4010 TA7375P KHA136 N.IM2068S BA1104LS CW1053 (KHD501) KHA125 N.IM2068S PD4113A TA7281P TA7280P AN6540 2SA1048 (2SA933S) 2SC2458 (2SC1740S) 2SK435 2SC2458 (2SC1740S) ## WV-11 UZ5R1BSB (R05R1,ISB2) 1SS133	# D # D # D # D # D # D # D # D # D	# D 612 # D 708 # D 801 # D 802 # D 803	L 201 L 202 L 203	# D 612 # D 708 # D 801 # D 802 804 # D 803	# D 612 # D 708 # D 801 # D 802 804 # D 803

RESIST	ORS												Mark =		===							Part No.
Mark =	===		= (Circ	uit	Syml	nol 8	No.	===	= Par	t Name	Part No.	R	305								RD1/4PS434,JL
		-											- R	307								RD1/4PM824.I
R	:	31 2	80									RS1/8S103.I	R	308								RD1/4PS824.IL
R	:	32	53 6	806	712							RS1/8S473,I	R	309	310							RD1/4PS682.JL
R	:	33 1	01									RS1/8S223.I		313								RD1/4PS101.IL
R	:	34										RS1/10S221.J										1101011111
R		35 1	04 :	210								RS1/10S682,J	R	401								RD1/4PS561.IL
												10171000123		402								RS1/8S103.J
R		37	38	39	65	212	213	812	214			RS1/8S0R0,1		403								-
R		51 5					210	012	UIT			RS1/8S101.J		404								RD1/4PM223,j
R		52	, ,	000	.,,							RS1/8S221,I		404								RD1/4PS473,IL
R		54										RS1/10S683,1	ĸ	405								RD1/4PS223,IL
R		55	en.											451	450							
K		0.7	30									RS1/10S153,I		451								RD1/4PS333,II.
R		56										DD1 /4DC100 II		453								RD1/4PS224,IL
		57										RD1/4PS123.JL	•••	455			614	805	905			RD1/4PS102,IL
R R		58 4	70									RS1/10S473.1		456								RS1/8S102.J
R		59 4		100								RD1/4PS822.II		457	458	459						RD1/4PS561JL
R					COL	700	000	000				RD1/4PS562,II										
K		01 2	13	003	601	102	802	809				RD1/4PS472,II	R	460								RS1/8S393.J
		~~											R	461	462	481	482					RD1/4PS683,IL
R		62										RD1/4PM472.I		463	464							RS1/8S333,J
R	1	63 5	59	560	701	709	710	711	718 7	19 72	0	RD1/4PS223,11	R	465	466	609						RD1/4PS122.IL
R		64 6	02	603								RD1/4PS104,II	. R	467	468							RS1/8S122.J
R	1	02 4	75	477								RS1/8S392.1										11017 00122.)
R	1	03 1	52									RS1/10S183,I	· R	469	470	471	472					RD1/4PS272.II.
												1017 100100,1	R									RD1/4PM561.J
R	1	05 8	04									RD1/4PS222,II	_	476								RD1/4PS392.II.
R		06	•									R01/4PS393,IL		480								R01/4PS103.IL
		51 2	06	611								RS1/8S222.1		483								
	_	53 7	-									RS1/8S472.1		7(30)	404	104						RD1/4PS391,II,
	1		00	010									P	489	#00							DD1 /4DC100 II
I.	. 1	Jy										RD1/4PS334.JI		502								RD1/4PS183.JL
D	1	57 1	50									DD4 /4DCD00 11	_	504								RD1/4PS104.IL
	2		อก									RD1/4PS222.II										RD1/4PS152.JL
												RD1/4PS220,II	_	505								RS1/8S222,I
	2											RD1/4PS681.IL		506								RS1/8S102.I
R				604	610	707	803					RD1/4PS473,IL		=00								
R	2	05 2	09									RS1/10S470,I		509								RS1/10S473.I
_	_												_	510								RD1/4PS331.JL
		07 2										RD1/4PS103.II		551		561	562					RD1/4PS121,IL
R		53 2										RD1/4PS823.II		553								RD1/2PS010JL
		55 2		607								RS1/8S181,J	R	555	556	807						RS1/8S472,I
		57 2										RS1/8S133.I										
R	2	59 2	60									RS1/8S334,I	R	557	558	808						RS1/8S473,J
													R	606								RD1/4PS102.JL
R	2	61 2	62	501								RS1/8S272.I	R	612								RD1/4PM171.1
R	2	63 2	64	290	613	}						RS1/8S332.J	R	615	616	715	716					RS1/8S0R0.I
R	2	65 2	66									RD1/4PS104.IL	. R	708								RD1/4PS184JL
	2											RS1/8S0R0.J										
		71 2	72									RD1/4PS332,IL	R	713								RS1/10S683.1
	_													717								RD1/4PM223.J
R	2	73 2	74									RD1/4PS823,II	_	806								
		75 2		487	488	1						RD1/4PS182,II		811								RD1/2PS390,IL
		77 2		4.71	(00)							RD1/4PS105,IL		901								RB1/2PS471,JL
		79 2												901								RD1/4PS821JL
		81 2										RD1/4PS473,IL	_	ດດາ	ma	004						DD4 44D0004 11
, n	. 2	01 2	02									R01/4PS472,11	, к	902	สบร	904						R01/4PS681.JL
		00																				
R		83										RD1/4PS102,IL										
	2		00									RS1/8S102,J										
R		85 2										RS1/8S222.J										
R		87 2	88									RS1/8S105.J										
R	2	89										RD1/4PS681,IL	,									
R		91										RS1/8S223J										
R	2	92 2	93	294								RS1/8S0R0,J										
R	3	01 3	02									RD1/4PS332JL										
R	3	03 3	04	311	312	?						RD1/4PS473.JL										

42

CAPACITORS	Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
Mark ====== Circuit Symbol & No. ==== Part Name	Part No. C 401	CEA2R2M50LS2
That it state state state state state state state state state	C 451 452 477 478	CEA2R2M50LS
C 31 52 53 54 59 204 208 210	CKSYB223K50 C 453	CEA4R7M35LS
C 32	CKSYB272K50 C 461 462 463 464 465 466 469 470 471 472	CEA2R2M50LS2 CEA221M10L2
C 33 C 34 102 217 228 604	CKSYB561K50 C 473 474 804 CKSYB103K50	CEA2211101.2
C 54 102 217 228 604 C 51 153	CKSQYB223K50 C 483 553 554 573 574	CEA010M50LS2
0 01 100	C 484 803	CEA010M50LS
C 55 62	CCSQCH330,150 C 485 486 CEAPATHEOLES C 487 488	CEA220M16LS CKPYB561K50L
C 56 63 C 57 101	CEAR47M50LS2 C 489 490	CEA3R3M50LS
C 58 156	CEA010M50LL	
C 60	CCSQCH101,J50 C 501 505	CKSYB223K50
	C 502 4.7 μ F/16V	CCH1005 CCSQCH101,I50
C 61 C 64	CEA4R7M16NPLI. CCDCH020D50 C 555 556 557 558 575 576 577 578	CEA101M10L2
C 103 105	CEA470M16LS C 559 560 579	CQMA224,150
C 104 551 552 571 572	CKSOVRIBOKSO	CEADOONIOLO
C 151 215	CKSYF473Z50 C 561 562 581 582 C 565 566 2200 µF/16V	CEA222M10L2 CCH1001
C 152 202 212 214	CKSYB332K50 C 567 568	CQMA154,150
C 154	CKSY8153K25 C 580	CQEA224.J63
C 155	CEA3R3M50LS C 601	CCSCH100D50
C 157	CS7AR22M35 CKRVPP00405 C 602 806 807 810 811	CKSYF4737.50
C 159 160	CKSYB393K25 C 602 806 807 810 811 C 603	CEA471M6R3L2
C 161 255 256 481 482 701 705	CEA470M16LS C 606	CKPYF223Z25L
C 201 223	CKSQYB103K50 C 703 CKSQYB103K50 C 704 808	CEAR22M50LS
C 203 216 219 226 605 902 C 205 213	CKSUFF473Z5U	CEA100M25LS
C 205 213 C 206 207	CCSCH220,150 CCSCH820,150 C 805	CSZA010M50L
	С 809	CEA4R7M351.S
C 209 563 564 801	CEA470M16L2 C 812 C 901	CEA100M16LS CEA221M16L2
C 211 467 468 C 218	CEA2R2M50LS2 CEA2R2M35NPLL	CUAZZITIOGZ
C 220	CCSQCH430,J50	
C 221	CCSQCH090D50	
C 222	Tuner Assy(KEH-6262TR)	
C 224	CSZA2R2M25 CEA101M10L2 Consists of	
C 225	CGDYX273M25 • Tuner Unit	
C 227	CEA100M16L2 • Main Amp Unit	
C 251 252	CKSYB471K50 • Front End Unit(CWB1022) • Volume Unit	
C 253 254	CEANLAR7M251. • Balance Unit	
C 257 258 319 702	CKSYB103K50 • Pre Out Unit	
C 259 260 C 261 802	CKSYB223K50 CEA221M10L2 • ST Wide Unit	
C 263 264	CEA100M25LS	
C 271 272 279 280 C 273 274	CEA010M50LS2 Unit Number: CQMA683,150 Unit Name: Tuner Assy(KFH-6262TR)	
C 275 276 479 480	CEAR47M50LS2 Unit Name : Tuner Assy(KEH-6262TR)	
C 277 278	CKPYX152M16L MISCELLANFOUS	
C 281	CEA101M6R3LS	5 1 11
C 282	Mark ====== Circuit Symbol & No. === Part Name	rart No.
C 283	CEA100M16LS ## 1C 51	LA1140B
C 301 302	CEA4R7M35LS	LA2110
C 303 304 C 305 306 309 310	CQMA472,J50	LA3430P PA4010
C 200 200 200 210	CQMA333,J50	TA7375P
C 307 308	CKSYB103K50	
C 311 312 C 313 314	CEAORIM50L2	KHA136
C 315 314	CQMA102.J50	NJM2068S KHA125
C 317 318	CEA221M10L2	NJM2068S
	## 1C 501	PD4113A

Mark	==:	=====	Circu	iit S	ymbol	l & No). =	=== Pa	art Name	Part No.	Mark	===	====	==	Circ	uit 9	Symbo	8 10	No.	====	Part	Name	Part No.
** **	10	551 552 801 31 60	01 602 7	709 7	'10					TA7281P TA7280P AN6540 2SA1048 (2SA933S)		CF CF CF	1 51 201 202 30	52		(mic i er	h Dis Filte			CCX-006 CTF-182 CTF1027 CTF-100 CWW1076
**	Q Q	201 271 2	52 202 5 72 52 463			05				2SC2458 (2SC1740S) 2SK435 2SC2458 2SC4038LN		X X	101 901 151 201 601					Cera Xtal Xtal		Resor	nator		CWW-107 CWW1027 CSS1022 CSS1014 CSS1011
** **	Q Q	503	05 711 8			06 70	7 701	8		2SC3113 2SC2458 (2SC1740S) 2SC2498 2SD1920	** ** **	S VR VR	271 451 51 152 451						ch i-fix i-fix		30kΩ(5kΩ(B		CSD1006 CSG-207 CCP-254 CCP-246 CCS1051
** ** **	Q Q Q	802 86 804 902 905 151 26	03	203 2	204 9	12 92	0 92:	1 922	923	2SA1150 2SD1919 DTC124ES 2SD1227MF 1SS133	RESI		801 RS					Re1a From		d Un	it		CSR-051 CWB1022
*	D D	205 251 6	03 605 (Diode	(1SS176) (US1040M) SVC203 1S1555 (US1040)	Mark	R R R R	31 32 33 34	208 53 101			Symb	ol &	No.		= Part	Name	Part No. RS1/8S103.1 RS1/8S473.1 RS1/8S223.1 RS1/10S221.1 RS1/10S682.1
		271 461 4	62 463	464	465 41	66				(152473) RD4R7,ISB1 155133 (155176) (US1040M)		R R R R	37 51 52 54	38 507	39 508		212	213	812 8	314			RS1/8S0R0. RS1/8S101. RS1/8S221. RS1/10S683. RS1/10S153.
*	D		09 610	613 '	701 7	03 70	4 70	5 706	707	MV-11 UZ5R1BSB (RD5R1,ISB2) 1SS133 (1SS176)		R R R R	56 57 58 59	479 485		601	702	802	809				RD1/4PS123.II. RS1/10S473.I RD1/4PS822.IL. RD1/4PS562.II. RD1/4PS472.JL.
		608								(US1040M) UZ5R6BSB (R05R6,ISB2) RD9R1,ISB3 (HZS9R1,IB3)			64 102	559 602	603 477	701	709	710	711 7	718 7	19 720)	RD1/4PM472.I RD1/4PS223,IL RD1/4PS104.II. RS1/8S392.J RS1/10S183,I
* * *	D D D	612 708 801 802 8	804							RD4R7,ISB2 RD9R1,ISB3 RD9R1,ISB1 (HZS9R1,IB1) ERA15-02		R R R R	106 151	206 705	804 269 810	611							RD1/4PS222.JI. RD1/4PS393.JI. RS1/8S222.J RS1/8S472.J RD1/4PS334.JL
*	l. L. L	203	52			Ferri Ferri Ferri	i - I nd i - I nd	luctor luctor luctor luctor		RD6R2,ISB2 CTF-156 CTF1026 LAU220K LAU470K		R R R R	201 202 204	!	604	610	707	803					RD1/4PS222.IL. RD1/4PS220.IL. RD1/4PS681.IL. RD1/4PS473.IL. RS1/10S470.J
	1. L T T	51 201 202				Coil Coil Coil	i - I nd	luctor		CTF-113 CTF1037 CTC1008 CTB1015 CTB1016		R R R R	255 257	254	607								RD1/4PS103,JL RD1/4PS823,JL RS1/8S181.J RS1/8S133,J RS1/8S334,J
	T T T T					Coil Coil Coil Trimm	ner			CTB1017 CTE1013 CTE1014 CTE1015 CCG-070													

Mark ==					Part No.	CAPAC	CITE	RS										
	261 262 271 272				RS1/8S272,J RD1/4PS332.JL	Mark	===	====	==	Circ	uit	Symb	n1 &	No.	===	== Pai	rt Name	Part No.
	273 274				RD1/4PS823,II									208				CKSYB223K50
R	275 276	487 488			R01/4PS182.II		Ċ	32										CKSYB272K50
R	277 278				RD1/4PS105JI		C	33										CKSYB561K50
							C	34	102	217	228	604						CKSYB103K50
R	279 280				RD1/4PS473.II		C	51	153									CKSQYB223K50
R	281 282				RD1/4PS472,II													
R	283				RD1/4PS102.JL		Ç											CCSQCH330,150
R R	284 285 286				RS1/8S102,I		C		63									CEAR47M50LS2
K	200 200				RS1/8S222.J		C	57	156									CKSQYB103K50
R	287 288				RS1/8S105,I		Č	60	130									CEA010M50LL CCSQCH101,J50
R	289				RD1/4PS681,II		•	00										005201101,300
R	290 613	:			RS1/8S332.J		C	61										CEA4R7M16NPLL
R	291				RS1/8S223.I		C	64										CCDCHO20D50
R	292 293	294			RS1/8S0R0,I		C	103	105									CEA470M16LS
										552	571	572						CKSQYB182K50
R					RD1/4PS333,II		C	151	215									CKSYF473Z50
R	453 454				RD1/4PS224.II													auguseesuze
R		494 614	805 905		RD1/4PS102.II				202	212	214							CKSYB332K50
R R	456 605 457 458				RS1/8S102J			154 155										CKSYB153K25 CEA3R3M50LS
"	401 400	400			RD1/4PS561JI	•		157										CSZAR22M35
R	460				RS1/8S393,I			159	160									CKSYB393K25
R		481 482			RD1/4PS683.II		Ü	.00	100									CNDTDOORED
R					RS1/8S333,J		C	161	255	256	481	482	701	705				CEA470M16LS
R	465 466	609			RD1/4PS122.II			201										CKSQYB103K50
R	467 468	3			RS1/8S122J					219	226	605	902					CKSQYF4737.50
								205										CCSCH220,150
R		471 472			RD1/4PS272JI		C	206	207									CCSCH820,150
R					RD1/4PM561.J		c	200	F00	FCA	001							CCA ATOMACIO
R					RD1/4PS392,18					564 468								CEA470M16L2
R R					RD1/4PS103,II RD1/4PS391,II			218	401	400								CEA2R2M50LS2 CEA2R2M35NPL1.
"	300 303	1 10-3			101741333131	•		220										CCSQCH430,150
R	489 490)			RD1/4PS183.II			221										CCSQCH090D50
R	502				RD1/4PS104.II										,			
R	504				RD1/4PS152,II			222										CSZA2R2M25
R					RS1/8S222.J			224										CEA101M10L2
R	506				RS1/8S102,J			225										CGDYX273M25
	F00							227										CEA100M161.2
R					RS1/10S473,J		C	251	252									CKSYB471K50
R R		2 561 562	,		RD1/4PS331,II		c	250	254									CEAN ADDRESS
R			11		RD1/4PS121.II RD1/2PS010.II			253		702								CEANLAR7M25I.
R					RS1/8S472.J	•		261										CKSYB103K50 CEA221M10L2
										279	280							CEA010M50LS2
R	557 558	808			RS1/8S473.)			273										CQMA683,150
Ŕ	612				RD1/4PM471J				_									
										479	480							CEAR47M50LS2
	615 616	5 715 716	j		RS1/8S0R0.J			277	278									CKPYX152M16L
R	706				RD1/4PS101,J			281										CEA101M6R3LS
_	700				DD4 /455455			282										CEA470M16LS
R					RD1/4PS184,II		C	283										CEA100M16LS
R	: 713 : 717 80:	1			RS1/10S683,J RD1/4PM223,J		r	451	452	477	479							CEA2R2M50LS
	806	,			RD1/2PS390J	L		453		711	±10							CEA2R2M35LS
	811				RD1/2PS471.I					463	464	465	466	469	470	471 4	72	CEA2R2M50LS2
								473									-	CEA221M10L2
F	902				RD1/4PS681,I	L				554	573	574						CEA010M50LS2
								484										CEA010M501.S
								485										CEA220M16LS
								487										CKPYB561K50L
								489 501										CEA3R3M50LS
							C.	JU1	JU0	•								CKSYB223K50

		S I W.
Mark ======= Circuit Symbo	ol & No. ==== Part Name	Part No.
C 502	4.7 μ F/16V	CCH1005
C 503 504 C 555 556 557 558 575	576 577 579	CCSQCH101150 CEA101M10L2
C 559 560 579	מוס מון מומ	CQMA224,150
C 561 562 581 582		CEA222M101.2
C 565 566	2200 μ F/16V	CCH1001
C 567 568	2200 μ1710	CQMA154,150
C 580		CQEA224,163
C 601 C 602 806 807 810 811		CCSCH100D50 CKSYF473Z50
C 002 800 801 810 811		CK51F41323U
C 603		CEA471M6R3L2
C 606 C 703		CKPYF223Z25L
C 704 808		CEAR22M501.S CEA100M251.S
C 805		CSZA010M50L
C 809		CEA4R7M351.S
C 812		CEA4K M35LS CEA100M16LS
C 901		CEA221M16L2
Unit Number:		
Unit Name : Keyboard Unit	(KEH-8282TR)	
		2 - 2 3
Mark ====== Circuit Symb		
* D 901 904	LED	BG3433S
* D 902 903 ** it. 901 902 903	LED	PR3433S
## IL 901 902 903	Lamp 14V 40mA	CEL1004
	1,CD	CWW1055
Unit Number:		
Unit Number: Unit Name : Keyboard Unit	:(KEH-6262TR)	
Unit Name : Keyboard Unit		Part No.
Unit Name : Keyboard Unit Mark ====== Circuit Symb	ool & No. ==== Part Name	
Unit Name : Keyboard Unit Mark ======= Circuit Symb	ool & No. ==== Part Name	PR3433S
Unit Name : Keyboard Unit Mark ====== Circuit Symb	ool & No. ==== Part Name	
Unit Name : Keyboard Unit Mark ======= Circuit Symb D 902 1L 901 902 903	I.ED Lamp 14V 40mA	PR3433S CEI.1004
Unit Name : Keyboard Unit Mark ======= Circuit Symb D 902 1	I.ED Lamp 14V 40mA	PR3433S CEI.1004
Unit Name : Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$ IL 901 902 903 Unit Number : Unit Name : Switch P.C.Bo	DOI & No. ==== Part Name 1.ED 1.ED 1.ED 1.ED 1.ED 1.ED 1.ED 1.E	PR3433S CEL1004 CW1055
Unit Name : Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$ IL 901 902 903 Unit Number : Unit Name : Switch P.C.Bo Mark ======== Circuit Symb	I.E.D I.Amp 14V 40mA I.C.D Dard bol & No. ==== Part Name	PR3433S CEL.1004 CW1055
Unit Name : Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$\$ 1L 901 902 903 Unit Number : Unit Name : Switch P.C.Bo Mark ======= Circuit Symb	I.E.D I.Amp 14V 40mA I.C.D Dard bol & No. ==== Part Name	PR3433S CEL:1004 CW1055
Unit Name : Keyboard Unit Mark ======== Circuit Symb D 902 LU 1L 901 902 903 Unit Number : Unit Name : Switch P.C.Bo Mark ======= Circuit Symb D 1 (KEH-8282TR)	I.E.D I.Amp 14V 40mA I.C.D Dard bol & No. ==== Part Name	PR3433S CEL.1004 CW1055 Part No.
Unit Name : Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$\$ 1L 901 902 903 Unit Number : Unit Name : Switch P.C.Bo Mark ======= Circuit Symb	I.E.D I.Amp 14V 40mA I.C.D Dard bol & No. ==== Part Name	PR3433S CEL:1004 CWW1055 Part No. F1SR35-100A ESN1001
Unit Name : Keyboard Unit Mark ======== Circuit Symt	Dol & No. ==== Part Name LED Lamp 14V 40mA LCD Doard bol & No. ==== Part Name Switch(Mute & Motor)	PR3433S CEL:1004 CWW1055 Part No. F1SR35-100A ESN1001
Unit Name: Keyboard Unit Mark ======== Circuit Symb D 902 1	LED Lamp 14V 40mA LCD Dard Dol & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner)	PR3433S CEL:1004 CWW1055 Part No. F1SR35-100A ESN1001
Unit Name: Keyboard Unit Mark ======== Circuit Symb * D 902 ** IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======== Circuit Symb * D 1 (KEH-8282TR) ** S 1 2 ** S 3 Unit Number: Unit Name: P.C.Board Unit Name: P.C.Board Unit	LED Lamp 14V 40mA LCD Dard Dool & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner)	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126
Unit Name: Keyboard Unit Mark ======== Circuit Symb D 902 IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======== Circuit Symb D 1 (KEH-8282TR) S 1 2 S 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symb	LED Lamp 14V 40mA LCD Dard bol & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126
Unit Name: Keyboard Unit Mark ======== Circuit Symb * D 902 ** IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symb * D 1 (KEH-8282TR) ** S 1 2 ** S 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symbol	LED Lamp 14V 40mA LCD Dard bol & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126
Unit Name: Keyboard Unit Mark ======== Circuit Symb D 902 IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symb D 1 (KEH-8282TR) S 1 2 S 3 Unit Number: Unit Name: P.C.Board Un Mark ======= Circuit Symbol Circuit Symbol Mark ======= Circuit Symbol Circuit Symbol	I.ED I.Amp 14V 40mA I.CD Dard bol & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126
Unit Name: Keyboard Unit Mark ======== Circuit Symb * D 902 ** IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symb * D 1 (KEH-8282TR) ** S 1 2 ** S 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symbol	I.ED I.Amp 14V 40mA I.CD Dard bol & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126
Unit Name: Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$ 1L 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======== Circuit Symb \$ D 1 (KEH-8282TR) \$ S 1 2 \$ S 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symbol ## S 1 Miscellaneous Parts List Mark ========= Circuit Symbol ## S 1	LED Lamp 14V 40mA LCD Dard Dool & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name Switch(FVD/REV) bol & No. ==== Part Name	PR3433S CEL1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126 Part No. ESH1001
Unit Name: Keyboard Unit Mark ======== Circuit Symb \$ D 902 \$ IL 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symb \$ D 1 (KEH-8282TR) \$ S 1 2 \$ S 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symb \$ S 1 Miscellaneous Parts List Mark ======== Circuit Symbol Mark ======= Circuit Symbol Circuit Symbol Circuit Symbol Circuit Symbol Mark ======== Circuit Symbol Circuit Symbol	LED Lamp 14V 40mA LCD Dard Doll & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name Switch(FVD/REV) bol & No. ==== Part Name	PR3433S CEL.1004 CWW1055 Part No. F1SR35-100A ESN1001 HSK-126 Part No. ESH1001
Unit Name: Keyboard Unit Mark ======== Circuit Symt \$ D 902 \$\$ 1L 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symt \$ D 1 (KEH-8282TR) \$\$ \$ 1 2 \$\$ \$ 3 Unit Number: Unit Name: P.C.Board Un Mark ======== Circuit Symt \$\$ \$ 1 Miscellaneous Parts List Mark ======== Circuit Symt \$\$ \$ 1	LED Lamp 14V 40mA LCD Dard Dool & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name Switch(FVD/REV) bol & No. ==== Part Name	PR3433S CEL1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126 Part No. ESH1001
Unit Name: Keyboard Unit Mark ======== Circuit Symt \$ D 902 \$\$ 1L 901 902 903 Unit Number: Unit Name: Switch P.C.Bo Mark ======= Circuit Symt \$ D 1 (KEH-8282TR) \$\$ \$ 1 2 \$\$ \$ 3 Unit Number: Unit Number: Unit Name: P.C.Board Un Mark ======= Circuit Symt \$\$ \$ 1 Miscellaneous Parts List Mark ======= Circuit Symt \$\$ \$ 1	LED Lamp 14V 40mA LCD Dard Dool & No. ==== Part Name Switch(Mute & Motor) Switch(Tape/Tuner) it bol & No. ==== Part Name Switch(FVD/REV) bol & No. ==== Part Name Head	PR3433S CEL.1004 CW1055 Part No. F1SR35-100A ESN1001 HSK-126 Part No. ESH1001

17. PACKING METHOD

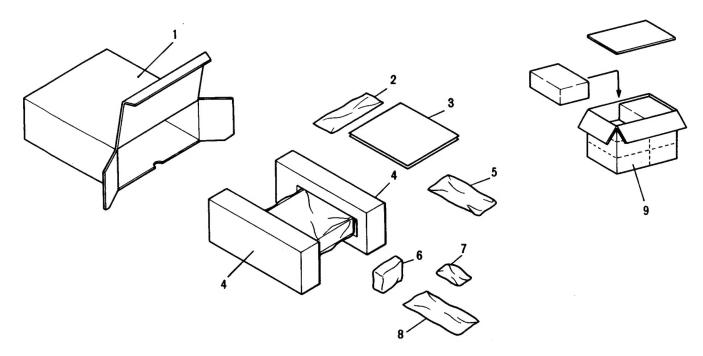


Fig. 15

Parts List

Mark No. 1 2 2-1 2-2	Part No. CHG1317 CHG1318 CXA1786 CNG-633	Description Carton (KEH-8282TR) Carton (KEH-6262TR) Panel Kit Plate Panel		k <u>No.</u> -5-7 6 7 7-1 7-2	Part No. PMB50Y160FMC CNS-962 CXA1836 CAA-667 CAA1094	Description Screw Cover Knob Assy Knob
3	CRD1119	Owner's Manual (English, French)	*	7-3 7-4	CAA1095 CAA1096	Knob Knob
4 5	CHP1080 CEA-550	Styrofoam	¥	7-5	CAA1097	Knob
5-1	CDE1289	Accessory Assy Cord		7-6 8	CNK-292 CDE1422	Cap Cord Assy
5-2 5-3	CNC-975 CNS-722	Strap Cover		9	CHL1317	Contain Box
5-4 5-5	CNV-769	Washer			CHL1318	(KEH-8282TR) Contain Box
5-5-1	CEA-215 WS40FMC	Screw Kit Washer				(KEH-6262TR)
5-5-2 5-5-3	NF40FMC NF50FMC	Nut Nut				
5-5-4	CBA-028	Screw				
5-5-5 5-5-6	CBN-028 CND-646	Nut Spacer				